RootsTech2012 Conference

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Jay Verkler Keynote
A Digital Preservation Community, As Scale
DIS-Norge – The Genealogy Society of Norway
Genealogy 2.0: International Panelists Discuss Their Use of Social Media to Connect With Cousins, Collaborate on Projects, Discuss Issues, Market and Promote Genealogy Services and Perform Acts of Genealogical Kindness
The FamilySearch Wiki As Social Media
Meet FamilySearch’s New CEO
Technical Roots of the World Family Tree
A New GEDCOM: Tools, Syntax and Semantics
The Family Graph API by MyHeritage.com
An Open-Source Place-Finder for Genealogy

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  How will attendees know what is happening in the Unconference Sessions?

Unconference Panel Discussions

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Demo Theater Schedule

Thursday and Friday Keynotes
Saturday Keynote Panel

Abreviated Agenda

Thursday, February 2, 2012
Friday, February 3, 2012
Saturday, February 4, 2012

Agenda for Thursday, February 2
11:00 am-12:00 Noon

One-Step Webpages: Lesser-Known Gems
How Lexmark and FamilySearch Are Working Together to Scan, Route, and OCR Family History Documents
How to Create an Exciting Interactive Family History Story Tour with Google Earth
Do I Trust the Cloud?
Mining Newspaper Archives
A New GEDCOM: Project Scope, Goals, and Governance
Top 10 Security Threats and How to Minimize Them
A Genealogical Society Using Social Media
Using WikiTree to Collaborate With Your Nongenealogist Family Members
The REST of the Things You Should Know About HTTP
Using Event Driven Architectures in the Real-Time Web
IBM InfoSphere Identity Insight Deep Dive
Personal Digital Preservation: Issues and Approaches

1:45-2:45 pm

Google+ for Genealogists
RootsTech Genealogy Idol
Effective Database Search Tactics
Lessons Learned from the Facebook Graph API
The NoSQL Landscape, Graph Db’s, and a Look at Neo4j
Creating the Family Graph
A New GEDCOM: Tools, Syntax and Semantics
The Cloud and Its Benefits
E-Learning Software and Authoring Tools for Genealogical Education
Using Advanced Photographic Techniques to Recover Content from Damaged Documents
Genealogical and Ancestral Applications Of The Paternally-Inherited Y Chromosome
YouTube Your Family History
Using Android Devices for Genealogy and Family History

3:00-4:00 pm

Securing Your Browsing Experience
To Pay or Not to Pay
Twitter - It's Not Just "What I Had for Breakfast" Anymore
An Open-Source Place-Finder for Genealogy
Gamification Basics, Recognizing the Path To User Loyalty
Websites: A "How-To" Guide to Website Building
Creating One-Step Search Tools
The Powers of Evernote: Photos, URLs, Censuses, Geo-Location, and Stories
Storing the Family Tree with MongoDB
Help Index the 1940 U.S. Census
    Ancestry.com 1940
    The 1940 Census
1940 Census Records
The Importance of APIs in Genealogy
How the England and Wales 1911 Census Was Digitized

4:15-5:15pm
A Digital Preservation Community, at Scale
Galaxy Girls - Three Genealogists and Their Android Tablets
Visualization of Genealogy Data
Web of Knowledge for Historical Documents
Storing the Family Tree with MongoDB - Lab
Eleven Layers of Online Searches
The Family Graph API by MyHeritage.com
On the Road to Mashups: Integrating Data from API Providers
Show Don’t Tell: Creating Interactive Family Histories
Loops, Dups, and Oops, Oh, My! New FamilySearch and Ancestral Relationships
Tuning and Monitoring SOLR for Enhanced Performance in Searching a Newspaper Archive
Google+ or Facebook
Multi-languages, High Volume, High Speed Digitization of Genealogy Records

Agenda for Friday, February 3

9:45-10:45 am
A User’s Perspective: Developing a Universal Metadata Structure for Genealogical Content Providers
Building High-Performance Web Services with SCALA
Genealogy Internet Gems
Supercharge the Experience with HTML5 and Ajax
Publish Your Genealogy Online
Implementing a Continuous Interaction And Deployment Strategy for PHP/LAMP Applications
Google Search 2012
Awesome Family Websites: Record Your Living Family History
Introduction to jQuery and FamilySearch
Deep Linking and Deeper Linking: How I Get the Most Out of Existing Search Applications
Can You Hear Me Now? Voice Recognition Software and Genealogy
New Avenues in Genetic Genealogy

11:00 am-12:00 pm
A Robust Open-source GEDCOM Parser
Tools and Methods for Internationalization of Applications
Citation Principles for Tech Creators
Snagit for Genealogists
Using a Blog as Your Online Research Log
Telling Stories: Transforming the Bare Facts of Genealogy into the Astonishing Tale of You and Your Family

Developing iOS applications using Apple’s Core Data and iCloud Storage APIs

Genealogy 2.0: International Panelists Discuss Their Use of Social Media to Connect With Cousins, Collaborate on Projects, Discuss Issues, Market and Promote Genealogy Services and Perform Acts of Genealogical Kindness.

Optimizing Your Site for Search Engines

Scalable Applications: Handling Big Data on the Public Cloud

No More Guessing, Secure Your Computer and Data in 10 Easy Steps

Database Design 101

1:45-2:45 pm

Genealogists "Go Mobile"

Understanding WordPress

Word Processing Tricks for Genealogical Publishing

Ancestral Lines Pairing System: Uniquely Numbering Each Ancestral Line, Generation, Pairing and Sibling

Introduction to Groovy and Grails

Instant Databases in the Cloud for Genealogy Practioners and Developers

Genealogical Uses for QR Codes

5 New Things to Try at Ancestry.com

A Report Card for the Genealogy Software Industry

Learning Genealogy Online: So Many Choices, So Little Time

Implementation of a REST API for the New FamilySearch Family Tree

Use Adobe Creative Suite to Self-publish Your Family History Book

3:00-4:00 pm

Advertising Revenue Model

What Does it Take to Get a Good Result? The Inner-Workings of the Ancestry.com Search Engine

Google Toolbar and Genealogy

Collaborating with Mom via P2P

Wielding the Electronic Gavel: Managing Genealogical Discussion Forums

Taking Your Family History Electronic - Creating Your Own Amazing Ebook

Creating Performant and Maintainable Large JavaScript Applications

Family History and Gamification

FGS Society Leadership Brainstorm

An Open-source Similar-name Finder

Genealogist’s Viewpoint -- Copyright Law for Genealogists

Agenda Saturday, February 4

9:45-10:45 am

Event Driven Web Applications with Node.js
Advocating Genealogy and Growing the Market: Issues of the New Genealogist
loc.gov: Using Our Nation’s Library Online
Public Cloud vs. Private Cloud
Is Your Ancestor Hiding in This Photograph? New Family History Revelations
Modeling Messy Metadata with MarkLogic
PHP and MySQL: A Powerful Combination for Presenting Data
Web Analytics: Measure and Improve
Genealogy Podcasts and Blogs 101
Open Source: Who Owns What Is in Your Head (and Should It Stay There?)
The FamilySearch Wiki as Social Media
Phonetic Matching: An Alternative to Soundex with Fewer False Hits
GeneTech: YDNA Solutions to Common Genealogical Problems

11:00 am-12:00 pm
The Semantic Web, RDF, Dublin Core, and FOAF
Persistent Identifiers
Don’t Do Genealogy Alone
Refactoring, the Neglected Art
Creating Cross-Platform Mobile Apps with Titanium
Everything You Wanted to Know About Fold3
Future of FamilySearch Family Tree
A Dozen Ways to Use Your iPad 2 for Genealogy and Writing
How to do a Webinar
Introducing the FamilySearch Indexing & Linking Tool
H-TREE: A Compact Tree-Visualization Technology

1:45-2:45 pm
Self Publish Your MS Word Book Like a Pro
Building an Open Source Genealogical Search Engine with Apache Solr
Inspiring Ways to Capture the Interest of the Non-Genealogists in Your Life
Privacy in a Collaborative Environment
Top 10 Data Issues in new FamilySearch and How to Avoid Them
How to Succeed as a Development Entrepreneur
One-Step Webpages: A Potpourri of Genealogical Search Tools
Lassie! Go for Free Genealogy Help!
FamilySearch Web Architecture
Geo-caching for Ancestors: Using Smartphones & GPS to Crowdsourcing Cemetery Data Collection
Software Forecast 2.0: What Genealogists Need for the Future
Reputation Systems for Genealogy

ASL Translated Sessions
Purpose

To show how the most respected social knowledgebase (MindTouch) and the leading visualization/dashboard tool (Spotfire) can be used to address a number of topics at this conference as follows: Delivery of Content to Mobile Devices, A White Board for Unconferences and Collaboration, Cloud Computing with Big Data in Memory, Pictures, New Web Technologies, Personal Digital Preservation, Family History Stories from Books, Open Source, Visualization of Genealogy Data, Mashups. Multi-language (Polyglut), Wikis for Blogs, Simple Database Design and Implementation with PHP and MySQL, Web and Content Analytics, The FamilySearch Wiki as Social Media, Persistent Identifiers, The Semantic Web, RDF, Dublin Core, and FOAF, Self-publishing, Entrepreneurship, Multiple Levels of Security and Privacy, Improved Discovery by Google, Search Unstructured Information and Structured Data Together, Etc.

Blog Notes

Jay Verkler Keynote

Jay Verkler currently serves as President and CEO of FamilySearch, sponsored by The Church of Jesus Christ of Latter-day Saints. FamilySearch has gathered the largest collection of genealogical records in the world. Operations include worldwide image and information collection, product and tools delivery, and patron services in over 4,500 family history centers around the world.

Mr. Verkler previously served in various executive positions within innovative Silicon Valley companies such as Oracle Corporation, inCommon Inc., TIBCO Software, Vitria Technology, and Sales.com.

Mr. Verkler studied electrical engineering, computer science and chemistry at the Massachusetts Institute of Technology as well as Japanese and Asian studies at Harvard University.

NOTE: TIBCO Software!

http://rootstech.org/schedule/keynotes

A Digital Preservation Community, As Scale

Jay Verkler, President and CEO of FamilySearch

Working out a robust and reliable digital preservation system is a technical, organizational, and financial challenge. Building an enterprise system that can scale beyond 100’s of petabytes takes more than a single organization. This presentation will describe approaches, plans, and experiences at tackling the multi-headed beast of digital preservation. We will discuss technology at scale, organizations at scale, and what can happen to financials at scale, and the importance of working with a community orientation.
DIS-Norge – The Genealogy Society of Norway

DIS – is actively using new tools in order to promote genealogy and also in order to facilitate researches.

We are of the opinion that bringing all these tools together and serving various aspects of genealogy, is a good concept for our members. It gives them a variety of possibilities and lots of self-service. They may use the tool when they have time or a need for that specific assistance.

Genealogy 2.0: International Panelists Discuss Their Use of Social Media to Connect With Cousins, Collaborate on Projects, Discuss Issues, Market and Promote Genealogy Services and Perform Acts of Genealogical Kindness

The panelists will illustrate how they have used various social networking tools to connect with cousins, collaborate on projects, discuss issues, market and promote genealogy services and perform acts of genealogical kindness.

5 New Things to Try at Ancestry.com

1. What’s new in Content
2. Some new Tricks to Try with Searches
3. Ancestry.com on the Go, what to do when you don’t have your computer
4. Family Tree Maker Secrets
5. Online Family Trees

The FamilySearch Wiki As Social Media

Registered FamilySearch users will have hands-on experience creating their user page, making edits to an article, linking to other articles within the wiki, adding articles to their personal watchlist, collaborating with other contributors via talk pages and Community Meeting conference calls, getting help through Contributor Help resources and through the Wiki Contributors’ Corner forums, rating articles, and inviting others to view or contribute to pages using Facebook, Twitter and e-mail.

Meet FamilySearch’s New CEO

Jay Verkler, President and CEO of FamilySearch

Date: Friday, Feb 3
Time:
4:15 - 5:15 pm
Technical Roots of the World Family Tree

Social networks like Facebook and Twitter have implemented and perfected the social graph. The next step in genealogy is understanding and using the family graph. In this presentation, Justin Balthrop, Chief Technical Officer of Geni.com, will explain how his team built, implemented, and open sourced a fully featured family graph.

A New GEDCOM: Tools, Syntax and Semantics

The GEDCOM standard is stale. What would a new GEDCOM look like in terms of its syntax and semantics? What tools would be made available to promote and apply it?

Web of Knowledge for Historical Documents

WoK-HD project is essentially a semantic web application for family history, including automatic fact extraction, implied fact generation, and free-form query processing.

The Family Graph API by MyHeritage.com

The Family Graph API provides simple, powerful and consistent access to core genealogy features and data on MyHeritage.com allowing developers to create applications using our dataset, presenting a simple, consistent view of the MyHeritage dataset, uniformly representing objects in the graph including users, sites, tree, individuals, photos, sources and the connections between them including site memberships, family relationships, photo tags and so on.

Based on MyHeritage.com's massive reach of 61 million users, 21 million family trees, 885 million profiles in 38 languages, the API allows other websites, partners, and applications to interface with MyHeritage.com and take advantage of family relations.

An Open-Source Place-Finder for Genealogy
The database of places comes from the community-supported database genealogical places at WeRelate.org. The algorithm was developed by matching nearly 8M place texts extracted from the 7000 GEDCOMs submitted to WeRelate over the past five years. The algorithm and database are both freely available on-line. People can test the algorithm on-line by entering place texts into a server that we've launched. For more information see: https://github.com/DallanQ/Places

Authors:
Dallan Quass is the developer behind WeRelate.org, the world's largest public genealogy wiki.

http://s3.amazonaws.com/roottech/or...TechPlaces.pdf

Cover Page

Note: Not all the presentations had files in the ZIP file so check back to see if they were submitted.

Source: http://roottech.org/downloads (PDF)
General Information

Agenda

The agendas and schedules in this conference guide were current at the time of printing. For up-to-the-minute agendas, please refer to the e-signage located throughout the venue.

Syllabus Materials

RootsTech syllabus materials are available for download at http://rootstech.org/downloads. Please log-in using your RootsTech user name and password.

RootsTech Goes Mobile

The RootsTech mobile app, powered by EventLink and created by Core-Apps LLC, is a native application for smartphones (iPhone and Android) and a hybrid web-based app for Blackberry. A web-based version of the application also exists for all other web browser-enabled phones.

The RootsTech mobile app provides easy-to-use interactive capabilities to enhance your event experience:
The Dashboard keeps you organized with up-to-the-minute info
About This Show keeps all event information in one place
Alerts allow you to receive important real-time communications from RootsTech
Built-in Twitter feed enables you to follow and join in on the show chatter
Session rating allows you to rate and comment on the sessions you attend
Exhibitor locator helps you find exhibitors you want to visit

For iPhone, iPod Touch, iPad, and Android phones: visit the App Store or Android Market on your device and search for “RootsTech 2012.” Download the mobile app as you would any other.

For All Other Phone Types (including BlackBerry and other web browser-enabled phones): While on your smartphone, point your mobile browser to http://m.core-apps.com/ rootstech2012. From there you will be directed to download the proper version of the app for your particular device, or on some phones, bookmark this page for future reference.

Wireless Access

Sponsored by VMWare
RootsTech is pleased to offer wireless Internet access to attendees. Wireless access is offered in the general session room, break-out sessions and common areas throughout the RootsTech conference space at the Salt Palace. Wireless access will not be offered in the Exhibit Hall; however there are limited hard-wired connections available in the Cyber Cafe.

RootsTech Live

Join the virtual conversation. Read about news announcements from the conference, see photos and video and discuss conference issues. Tag your photos, tweets and blog posts with #rootstech and become part of the conference dialogue. A big “Thank You” to all of our official RootsTech bloggers for keeping the conversation going!

Exhibit Hall

Don’t miss the Exhibit Hall where you can experience high-tech product demos in the Demo Theater, as well as relevant and exciting genealogy and technology exhibitors. You can also explore the Family History Library Mini-Lab, Microsoft Playground game area, get some refreshment and take advantage of networking opportunities.

Exhibit Hall hours:

• Thursday 10:00am–5:00pm
• Friday 9:30am–5:00pm
• Saturday 9:30am–3:00pm

Information Booth

If you have questions about conference happenings, please go to the Info Booth in the Exhibit Hall. It is located in the main aisle, right in front of the plexi-glass Media Hub.
Evening Events

Thursday Evening: Exercise Your Funny Bone!
Sponsored by brightsolid

On Thursday evening from 5:15–8:00pm, RootsTech and brightsolid are thrilled to bring you Ryan Hamilton. Named one of Rolling Stone’s Five Comics to Watch with appearances on NBC’s Last Comic Standing, Comedy Central’s Live at Gotham, Showtime special Caroline Rhea and Friends, and Late Night with Conan O’Brien. Please note: Attendees and their guests must be pre-registered for this ticketed event.

Schedule:
5:15pm - 6:00pm -- Casual dinner in Exhibit Hall
6:15pm - 8:00pm -- Comedian in Room 155

Prizes, including an HP laptop, will be given away throughout the evening. Must be present to win.

Friday Evening: Late Night at the Library!
Sponsored by The 1940 US Census Community Project

On Friday night, stay up late at the Family History Library. Open until midnight (12am) this event will enable both experienced genealogists and novices alike to discover this amazing resource in a whole new light. If you don’t know a pedigree chart from a probate record, come to the Cookies and Bytes class (offered at 7 and 8:30pm) to introduce technology experts to the basics of family history. This event is free for both registered attendees and guests. Prizes and refreshments will be offered throughout the evening.

Lunch Sessions

Please note: you must be pre-registered for these lunch sessions.

Thursday, February 2

Menu: Capresse salad with greens, sliced roma tomatoes, shredded mozzarella & herbed croutons with basil vinaigrette; asiago crusted chicken breast (lightly breaded) served over penne pasta topped with roasted tomato marinara & spring vegetables; strawberry tiramisu.

Federation of Genealogical Societies (FGS) Lunch - 355B/C

“Bridging the Digital Divide – Tech Initiatives for Genealogical Societies” by Thomas MacEntee
Does your society struggle with incorporating new technology into its administrative operations as well as its member offerings? Using the Federation of Genealogical Societies as an example, genealogy and technology expert and FGS board member Thomas MacEntee will provide an overview of steps you can take to start bridging the digital divide.

brightsolid Lunch - 355E/F

“Why Everyone Deserves Their Own Episode of Who Do You Think You Are and How brightsolid Will Help You Get There” by Chris van der Kuyl, brightsolid CEO

Friday, February 3

Menu: Spring greens with egg, bacon, and blueberry croutons; BBQ beef brisket with rosemary garlic smashed new potatoes & spring vegetable medley; banana cream tart.
National Genealogical Society (NGS) Lunch - 355B/C
“The Perils of Pursing Pedigrees via Technology” by Barbara Renick and Josh Taylor
A humorous look (past, present, and future) at the addictive pastimes of genealogy and gadgetry.

Archives.com Lunch - 355E/F
“Driving Exponential Growth, User Engagement and Content Delivery Leveraging Massively Scalable Cloud Computing” by Matthew Baird, Inflection CTO
Computing resources courtesy of the Cloud are a game changer. The secret is effectively leveraging Cloud-based resources to maximize efficiency and scaling capacity. Learn how Archives.com applied these principles to increase search throughput, while lowering overall response times. We’ll discuss the impact these developments and other emerging technologies will have on genealogy research.

Saturday, February 4
Menu: Mesclun greens with sliced pear, craisins & gorgonzola with raspberry vinaigrette; rosemary & herb pork medallions, potatoes au gratin & green beans; carrot cake.

Ancestry.com Lunch - 355B/C
“How Ancestry.com Works with Mobile, Social and Other Platforms to Enhance Your Family History” by Kendall Hulet

New England Historic Genealogical Society (NEHGS) Lunch - 355E/F
“Tools of the Trade - Document Capture Software” by Ryan Woods
Discover tips and techniques for effectively using document and data capture software to preserve family history. Learn ways to leverage tools from Kodak, ABBYY, PSIGEN, Kofax and new mobile apps to create digital archives and record indexes for your institution or family.

Smoking
Smoking is prohibited within the Salt Palace.

Electronic Devices
In order to reduce distractions, please turn off or silence your cellular phones and other devices during sessions.

Business Center
The Salt Palace business center is located on the second floor and offers a full range of business services that are convenient and competitively priced: Copy, print and fax services; computer and Internet access; office supplies and equipment; small package shipping and receiving; and production services (Brochures, Color Applications, Large Format Printing, etc.).

Lost & Found
All found articles will be given to the Salt Palace lost & found department, which can be reached at (801) 534-6320. RootsTech is not responsible for any lost or stolen items.
Special Needs

The Salt Palace Convention Center complies with ADA requirements. Provisions include ramp access, restroom facilities, and phones and fire alarms for the hearing impaired.

A list of conference sessions that feature an ASL translation can be found on page 47. If you will require assistance moving about during the conference, please contact the Salt Palace directly at (385) 468-2222.

Unlawful Actions Are Prohibited

The network is being monitored for disruptive behavior, be it unintentional or deliberate. If you are blocked from network use, please visit the RootsTech Info Booth located in the Exhibit Hall.

Week-at-a-Glance

Schedule was up-to-date at time of printing and is subject to change.

<table>
<thead>
<tr>
<th>TIME</th>
<th>THURSDAY FEB. 2</th>
<th>FRIDAY FEB. 3</th>
<th>SATURDAY FEB. 4</th>
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<td>8:00</td>
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<td>9:00</td>
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<td>Family History Technology Workshop: 9:45am - 5:15pm (Room 260)</td>
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http://semanticommunity.info/My_Personal_Family_History_Dashboard/RootsTech2012_Conference
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Registration is also open on Wednesday Feb. 1, from 5–8pm.
Exhibitors

Exhibitor Booth Number

AboutOne 624
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Unconferencing

Unconference Sessions, Panels and Lightning Talks

Sometimes collaboration works best without a plan. The unscripted, unplanned session opportunities at RootsTech should be very attractive to serious users of family history-related technology, genealogy enthusiasts, and technology creators. They provide rich, unanticipated forums to meet, discuss, and further concepts unearthed during conference proceedings and activities. RootsTech attendees will find three types of spontaneous discussion and discovery forums to take advantage of: Unconference Sessions, Panel Discussions and Lightning Talks.

Unconference Sessions

What is an Unconference Session?
Unconferencing is an opportunity for RootsTech attendees to create impromptu discussion sessions on topics of their choice. Unconference sessions provide a casual forum where attendees collaborate, discuss new ideas, come in contact with others who have common interests, and participate in the innovative thought process.

Where are the Unconference Sessions?
Rooms 259 and 260 (45 minute sessions) Thursday and Friday: 12:00pm, 12:50pm and 4:15pm
Room 257 (larger room for 90 minute sessions), Thursday and Friday: 12:00pm

How does an Unconference Session get started?
A white board outside of the Unconferencing rooms will enable any RootsTech attendee to sign up to facilitate a topic to be discussed at a specific time slot for that day. Anyone interested in that topic may attend the Unconferencing session.
to engage in a collaborative discussion. Everyone is encouraged to participate. Time slots will be filled on a first come-first-served basis. Rooms will have a coordinator to set the time and open space for discussions.

**How will attendees know what is happening in the Unconference Sessions?**

Unconference sessions will be posted on white boards outside the Unconference room and in the Exhibit Hall.

**Unconference Panel Discussions**

Discussion panels are moderated sessions designed to share the varied expertise of select panelists. These sessions are already scheduled around certain topics. The moderator and audience ask intriguing questions. Discussions are designed to build consensus and action with genealogists and technologists.

Thursday, February 2nd, 4:15pm, room 257: “Family Memories” moderated by Gordon Clarke

Friday, February 3rd, 4:15pm, room 257: “Sources, Citations, and Meta Data” moderated by Ancestry Insider

**Unconference Lightning Talks**

Participants are given live minutes to speak about their ideas and personal or professional passions, accompanied by at least three slides the presenter has ready on the presenter’s laptop with RGB-out connector. Signups happen ten minutes before noon each day. There is expected to be nine 5-minute talks. The presentations are meant to “spark” the audience on a subject, to generate awareness, and to stimulate thought and action on the subjects presented. Pat Eyler, famous for “On Ruby” (see [http://on-ruby.blogspot.com](http://on-ruby.blogspot.com)) will be the master of ceremonies.

Thursday and Friday, February 2nd and 3rd 12:00pm, Exhibit Hall Demo Theater

**Demo Theater Schedule**

Schedule was up-to-date at time of printing and is subject to change.

<table>
<thead>
<tr>
<th>Time</th>
<th>Exhibitor</th>
<th>Presentation</th>
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<tbody>
<tr>
<td><strong>THURSDAY FEBRUARY 2</strong></td>
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<tr>
<td>10:30 AM</td>
<td>SAVVIS</td>
<td>Virtual Private Data Center—The Production-Grade Cloud for Genealogy Practitioners and Developers</td>
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<tr>
<td>11:00</td>
<td>Memory Medallion</td>
<td>Sharing Family History from the Grave Site</td>
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<tr>
<td>11:30</td>
<td>Billion Graves</td>
<td>Geocaching for Ancestors: Using Smartphones &amp; GPS to Crowdsource Cemetery Data</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Lightning talks</td>
<td>9 different 1 minute individual presentations</td>
</tr>
<tr>
<td>Time</td>
<td>Session Title</td>
<td>Description</td>
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<tr>
<td>1:00</td>
<td>Fold3 - I listened to this.</td>
<td>Using Military Records at Fold3</td>
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<tr>
<td>1:30</td>
<td>My Heritage</td>
<td>My Heritage Super Search Engine</td>
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<tr>
<td>2:00</td>
<td>The Next Generation</td>
<td>Changes in TNG 9</td>
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<tr>
<td>2:30</td>
<td>Sort Your Story</td>
<td>Sort Your Story Demo</td>
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<tr>
<td>3:00</td>
<td>Flip-Pal</td>
<td>Mobile Wireless Communication with Flip-Pal Mobile Scanner</td>
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**FRIDAY FEBRUARY 3**

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<thead>
<tr>
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<tr>
<td>10:30 AM</td>
<td>Progeny Link</td>
<td>The Benefits of Industrial Strength Cooperation</td>
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<tr>
<td>11:00</td>
<td>GeneTree</td>
<td>What You Can Do with DNA</td>
</tr>
<tr>
<td>11:30</td>
<td>LifeStory</td>
<td>Productions Organize, Find, and Share Pictures and Family History</td>
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<tr>
<td>10:30 AM</td>
<td>GenealogyBank</td>
<td>Newspapers: Finding the Details about your Family</td>
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<tr>
<td>11:00</td>
<td>RootsMagic</td>
<td>What’s New in RootsMagic 5</td>
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<tr>
<td>11:30</td>
<td>Group National Publishing</td>
<td>Presentation is Everything</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Lightning talks</td>
<td>9 different 5-minute individual presentations</td>
</tr>
<tr>
<td>1:00</td>
<td>About One</td>
<td>A Fast Easy Way to Organize Your Busy Life</td>
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<tr>
<td>1:30</td>
<td>Rumble Software</td>
<td>Introduction to GenDetective</td>
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<tr>
<td>2:00</td>
<td>Roger Pack</td>
<td>Family History Screen Saver</td>
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<tr>
<td>2:30</td>
<td>FamilySearch</td>
<td>Mollie Shutt on FamilySearch Tech Tips</td>
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**SATURDAY FEBRUARY 4**

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<tr>
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<td>10:30 AM</td>
<td>Progeny Link</td>
<td>The Benefits of Industrial Strength Cooperation</td>
</tr>
<tr>
<td>11:00</td>
<td>GeneTree</td>
<td>What You Can Do with DNA</td>
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Technology for genealogy has made transformational progress in the past decade. Capabilities not practical in the 90’s are commonplace in 2012. And still, from the vista of the present there are many problems yet to be solved and technology hills yet to be climbed.

To enable a computing and genealogical future that facilitates access to a far broader set of knowledge and records, what enabling technologies need to be created or made commonplace? How will companies, archives, societies, other organizations, and users cooperate in an environment that simultaneously facilitates greater genealogical accuracy and ubiquitous access?

As a technology community, we have the opportunity to understand and predict the future by creating it. Let’s take some time to collectively envision that future and outline a path from the present to that future.

Jay Verkler recently served as President and CEO of FamilySearch, sponsored by The Church of Jesus Christ of Latter-day Saints. Mr. Verkler has held various executive positions within innovative Silicon Valley companies such as Oracle Corporation, inCommon Inc.,

RootsTech is excited to welcome technology futurist Josh Coates as a Keynote Speaker at RootsTech 2012. Mr. Coates is currently CEO of Instructure, an education-focused software company, and founder of Mozy. Mr. Coates has over 10 years of impressive technological and entrepreneurial accomplishments, including Utah Entrepreneur of the Year, vSpring Capital Top 100 Venture Entrepreneur, and one of MIT Technology Review's Top 100 Young Innovators.

Josh presents and discusses the origins, implications and possible eventualities of key technologies that are shaping our technological infrastructure.
Saturday Keynote Panel

Tim Sullivan and an Ancestry.com Panel
Making the Most of Technology to Further the Family History Industry
Saturday, 8:30am Room 155

From the arduous task of scrolling through microfiche, to bringing family history research online, to taking your family tree with you on the go, Ancestry.com is leading the technology landscape for family history. With technology available to surface the 7 billion records and 29 million family trees on the site, Ancestry.com has the sophisticated engineering and systems in place to take on the challenges of the fast growing family history industry, while also creating an avenue for users to weave search results into an edifying and meaningful family history story. Get the inside details of the technology behind Ancestry.com from some of their top technology leaders in this don’t-want-to-miss panel discussion.

Panel
Moderator: Tim Sullivan, CEO
Panelist: Eric Shoup, SVP of Product
Panelist: Scott Sorensen, VP of Development
Panelist: Jonathan Young, SVP of Technology
Panelist: Ken Chahine, SVP of DNA

Jonathan Young
Senior Vice President Technology Operations

Jonathan Young has served as our Senior Vice President of Technology Operations since February 2011. Mr. Young joined the company in February 2009 as Vice President of Development. From October 2006 through January 2009 he was Vice President of Technology and Vice President of Software, Security, Subscriptions and Services at EarthLink. Prior to EarthLink, Mr. Young held a number of positions over 10 years with the Internet arm of Turner Broadcasting, including Vice President of Product Development. He holds B.A. degrees in Astrophysics and Asian Studies from Williams College.

Tim Sullivan
President and Chief Executive Officer

Tim Sullivan has served as our President and Chief Executive Officer and as a director since September 2009.

Ken Chahine
Senior Vice President and General Manager, DNA
2005. Prior to joining us, Mr. Sullivan was Chief Operating Officer and then President and CEO of Match.com from January 2001 to September 2004. From May 1999 to January 2001, Mr. Sullivan served as Vice President of E-commerce for Ticketmaster Online-Citysearch, Inc. From June 1991 to May 1999, Mr. Sullivan held multiple positions at The Walt Disney Company, including Vice President and Managing Director of Buena Vista Home Entertainment Asia Pacific from July 1997 to May 1999. Mr. Sullivan holds an M.B.A. from Harvard Business School and was a Morehead Scholar at the University of North Carolina at Chapel Hill.

Ken Chahine has served as Senior Vice President and General Manager for Ancestry DNA, LLC since 2011. Prior to joining us he held several positions, including as Chief Executive Officer of Avigen, a biotechnology company, in the Department of Human Genetics at the University of Utah, and at Parke-Davis Pharmaceuticals (currently Pfizer). Mr. Chahine also teaches a course focused on new venture development, intellectual property, and licensing at the University of Utah’s College of Law. He earned a Ph.D. in Biochemistry from the University of Michigan, a J.D. from the University of Utah College of Law, and a B.A. in Chemistry from Florida State University.

Eric Shoup
Senior Vice President of Product

Eric Shoup has served as our Senior Vice President of Product since March 2010. He joined the Company in August 2008 as Vice President of Product. Prior to joining us, Mr. Shoup was at eBay for over five years, where he largely focused on growing its eBay Stores product and ProStores business unit. In addition, he assembled and led eBay's global mobile product team. Prior to eBay, Mr. Shoup was a Director of Product Management at Commerce One, a leading provider of B2B e-commerce solutions. Previously, he worked at US Interactive designing and managing consumer e-commerce and marketing Web sites for established companies such as Lexus and Wellcome Supermarkets (Hong Kong). Mr. Shoup holds a B.A. from the University of California, Los Angeles.

Scott Sorensen
Vice President of Development

Scott Sorensen has served as Vice President of Engineering since February 2011. Mr. Sorensen has been at Ancestry.com since June 2002 and has held multiple positions including Vice President of Search and Vice President of Commerce. Prior to joining Ancestry.com, Mr Sorensen was co-founder and Vice President of Engineering and then President at Coresoft Technologies. Mr Sorensen was an engineering manager at WordPerfect / Novell and a software engineer at IBM. He holds a B.S. in Computer Science from Brigham Young University.

Abreviated Agenda

http://semanticommunity.info/My_Personal_Family_History_Dashboard/RootsTech2012_Conference
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<td>8:30am - 10am</td>
<td><strong>Jay Verkler</strong>&lt;br&gt;Inventing the Future, as a Community&lt;br&gt;Room 155</td>
<td><strong>How Lexmark and FamilySearch are Working Together to Scan, Route,</strong>&lt;br&gt;Tim Rowland&lt;br&gt;User; All; Rm. 255E</td>
<td><strong>Using WikiTree to Collaborate with Your Non-genealogist Family (PDF)</strong>&lt;br&gt;Chris Whitten&lt;br&gt;User; Beginner; Rm. 255F</td>
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<td><strong>A Genealogical Society Using Social Media (PDF)</strong>&lt;br&gt;Torill Johnsen&lt;br&gt;User; Beginner; Rm. 255B</td>
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<td>11:00-12:00</td>
<td><strong>Personal Digital Preservation: Issues and Approaches (Word)</strong>&lt;br&gt;Randy Wilson&lt;br&gt;Developer; Intermediate; Rm. 355D</td>
<td><strong>Mining Newspaper Archives (PDF)</strong>&lt;br&gt;Kathleen Murray&lt;br&gt;Tara Carlisle&lt;br&gt;User; Beginner; Rm. 255C</td>
<td><strong>One-step Web Pages: A Hodgepodge of Lesser-known Gems (PDF)</strong>&lt;br&gt;Stephen Morse&lt;br&gt;User; Advanced; Rm. 255D</td>
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<td><strong>A New GEDCOM: Project Scope, Goals, and Governance</strong>&lt;br&gt;Ryan Heaton&lt;br&gt;Developer; Beginner; Rm. 255A</td>
<td><strong>Top 10 Security Threats and How to Minimize Them (PDF)</strong>&lt;br&gt;Michael Buck&lt;br&gt;Developer; Beginner; Rm. 259</td>
<td><strong>Using Event Driven Architecture in the Real-Time Web</strong>&lt;br&gt;Phil Windley&lt;br&gt;Developer; Intermediate; Rm. 257</td>
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<td><strong>Do I Trust the Cloud? (PDF)</strong>&lt;br&gt;D. Joshua Taylor&lt;br&gt;User; Beginner; Rm. 155</td>
<td><strong>The Rest of the Things You Should Know About HTTP (PDF)</strong>&lt;br&gt;Tim Stokes&lt;br&gt;Developer; All; Rm. 260</td>
<td><strong>How to Create an Exciting Interactive Family History Story Tour with… (PDF)</strong>&lt;br&gt;Lisa Louise Cooke&lt;br&gt;User; Intermediate; Rm. 258</td>
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<td><strong>IBM InfoSphere Identity Insight Deep Dive</strong>&lt;br&gt;Elliott Aten&lt;br&gt;Developer; All; Rm. 355A</td>
<td><strong>=requires pre-registration</strong>&lt;br&gt;</td>
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<td>12:00-1:45</td>
<td><strong>Federation of Genealogical Societies (FGS) Lunch - 355B/C</strong>&lt;br&gt;“Bridging the Digital Divide – Tech Initiatives for Genealogical Societies” by Thomas MacEntee.</td>
<td><strong>brightsolid Lunch - 355E/F</strong></td>
<td><strong>=requires pre-registration</strong>&lt;br&gt;</td>
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<td>Time</td>
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<td>1:45-2:45</td>
<td>&quot;Why Everyone Deserves Their Own Episode of 'Who Do You Think You Are' and How brightsolid Will Help You Get There&quot; by Chris van der Kuyl.</td>
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<td>E-Learning Software and Authoring Tools for Genealogical Education (PDF)</td>
<td>J. Mark Lowe, User; Beginner; Rm. 255E</td>
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<td>RootsTech Genealogy Idol</td>
<td>Geoff Rasmussen, User; Beginner; Rm. 255B</td>
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<td>YouTube Your Family History (PDF)</td>
<td>Devin Ashby, User; Intermediate; Rm. 255F</td>
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<td>Using Android Devices for Genealogy and Family History (PDF)</td>
<td>David Li’erth, User; Intermediate; Rm. 255D</td>
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<td>Genealogical and Ancestral Applications of the Paternally-... (PDF)</td>
<td>Scott R. Woodward, User; Advanced; Rm. 255C</td>
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<td>Effective Database Search Tactics (PDF)</td>
<td>Kory Meyerink, User; Intermediate; Rm. 155</td>
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<td>3:00-4:00</td>
<td>Using Advanced Photographic Techniques to Recover Content from ... (PDF)</td>
<td>Jack Reese, User; Advanced; Rm. 255A</td>
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<td>The NoSQL Landscape, Graph DBs, and a Look at Neo4J (PDF)</td>
<td>Jason Daniels &amp; James Gates, Developer; All; Rm. 257</td>
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<td>*Google+ for Genealogists (PDF)</td>
<td>Drew Smith, User; Beginner; Rm. 258</td>
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<td>Lessons Learned from the Facebook Graph API</td>
<td>Tim Shadel, Developer; Beginner; Rm. 355A</td>
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<td>Creating the Family Graph</td>
<td>Justin Balthrop, Developer; Beginner; Rm. 259</td>
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<td>A New GEDCOM: Tools, Syntax and Semantics</td>
<td>Ryan Heaton, Developer; Beginner; Rm. 355D</td>
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<td>The Cloud and its Benefits</td>
<td>Ike Hull, Developer; All; Rm. 260</td>
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<td>To Pay or Not To Pay (PPT) (PDF, PDF, PDF)</td>
<td>Bonnie Raymer Petrovich, User; Beginner; Rm. 255F</td>
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<td>The Powers of Evernote: Photos, URLs, Censuses, Geo-location, and Stories</td>
<td>Tevya Washburn &amp; Kurt Francom, User; Beginner; Rm. 255B</td>
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<td>Three Steps Forward, Ten Steps Back: Using Modern Tools to Identify ... (PDF)</td>
<td>Amy Johnson Crow, User; Intermediate; Rm. 255E</td>
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<td>Websites: A &quot;How-to&quot; Guide to Website Building (PDF)</td>
<td>Reed Powell, User; Intermediate; Rm. 255A</td>
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<td>How the England and Wales 1911 Census Was Digitized</td>
<td>Ian Tester, User or Developer; All; Rm. 355A</td>
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<td>The Importance of APIs in Genealogy</td>
<td>Michael Berkovich, Developer; Beginner; Rm. 355D</td>
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<td>4:15-5:15</td>
<td>Creating One-Step Search Tools (PDF)</td>
<td>Stephen P. Morse</td>
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<td>Storing the Family Tree with MongoDB</td>
<td>Steve Francia</td>
<td>Developer; All</td>
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<td>Twitter - It’s Not Just “What I Had for Breakfast” Anymore (Word)</td>
<td>Thomas MacEntee</td>
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<td>An Open Source Placefinder for Genealogy (PDF)</td>
<td>Dallan Quass &amp; Ryan Knight</td>
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<td>Securing Your Browsing Experience</td>
<td>Michael Buck</td>
<td>User; All</td>
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<td>Gamification Basics - Recognizing the Path to User Loyalty (PDF)</td>
<td>Dave McAllister</td>
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<td>*Help Index the 1940 U.S. Census</td>
<td>Jim Ericson</td>
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<td>Loops, Dups, and Oops, Oh My! New FamilySearch and Ancestral ... (PDF)</td>
<td>Keylene Williams &amp; Janae Lakey</td>
<td>User; Beginner</td>
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<td>Google+ or Facebook</td>
<td>Dan Lynch</td>
<td>User; Beginner</td>
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<td>Show Don’t Tell: Creating Interactive Family Histories (PDF)</td>
<td>Lisa A. Alzo</td>
<td>User; Intermediate</td>
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<td>The Family Graph API by MyHeritage.com (Word)</td>
<td>Daniel Horowitz</td>
<td>User or Developer; Adv</td>
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<td>Visualization of Genealogy Data</td>
<td>Mike Miller</td>
<td>User or Developer; Int</td>
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<td>On the Road to Mash-ups: Integrating Data from API Providers (PDF)</td>
<td>Reed Powell</td>
<td>Developer; Intermediate</td>
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<td>Eleven Layers of Online Searches (PDF)</td>
<td>Barbara Renick</td>
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<td>*Storing the Family Tree with MongoDB</td>
<td>Steve Francia</td>
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<td>Tuning SOLR for Enhanced Performance inSearching a ...</td>
<td>Boon Low</td>
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<td>Web of Knowledge for Historical Records (PDF)</td>
<td>Dave Embley</td>
<td>Developer; All</td>
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<td>Multi-language, High Volume, High Speed Digitization of Geology Records</td>
<td>Ronald Cheung &amp; Paul Siu</td>
<td>User; Intermediate</td>
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<td>The Galaxy Girls - Three Genealogists and Their Android Tablets (PDF)</td>
<td>Jill Ball</td>
<td>User; Beginner</td>
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<td>Josh Coates</td>
<td>Family History Technology Workshop (BYU)</td>
<td>Genealogy Internet Gems (PDF)</td>
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<td>Exabyte Social Clouds and Other Monstrosities</td>
<td>User or Developer; Adv; Rm. 260</td>
<td>The Ancestry Insider</td>
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<td>Room 155</td>
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<td>User; Beginner; Rm. 255F</td>
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<td>9:45-10:45</td>
<td>Publish Your Genealogy Online (PDF)</td>
<td>New Avenues in Genetic Genealogy (Word)</td>
<td>Can You Hear Me Now? Voice Recognition Software and Genealogy (PDF)</td>
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<td>Laura Prescott User; Intermediate; Rm. 155</td>
<td>Jane Buck &amp; Elise Friedman User; Beginner; Rm. 255B</td>
<td>Luana Darby User; Intermediate; Rm. 255E</td>
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<td>Deep Linking and Deeper Linking: How I Get the Most Out of Existing ... (PDF)</td>
<td>A User’s Perspective: Developing a Universal Metadata Structure for ... (PDF)</td>
<td>Implementing a Continuous Interaction and Deployment ... (PDF)</td>
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<td>Stephen Morse Developer; Intermediate; Rm. 255A</td>
<td>D. Joshua Taylor User; Intermediate; Rm. 255C</td>
<td>Don Stringham Developer; Beginner; Rm. 257</td>
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<td>*Google Search 2012</td>
<td>Introduction to jQuery and FamilySearch (Word)</td>
<td>Building High-performance Web Services with SCALA (PDF)</td>
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<td>Dan Lynch User; All; Rm. 258</td>
<td>Dave Hansen Developer; Beginner; Rm. 355A</td>
<td>Tim Stokes</td>
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<td>11:00-12:00</td>
<td>Awesome Family Websites: Record Your Living Family History</td>
<td>Tevya Washburn and Kurt Francom</td>
<td>Rm. 259</td>
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<td>Telling Stories: Transforming the Bare Facts of Genealogy into the ...</td>
<td>Ian Tester</td>
<td>Rm. 255C</td>
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<td>Using a Blog as Your Online Research Log (PDF)</td>
<td>Drew Smith</td>
<td>Rm. 255E</td>
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<td>Optimizing Your Site for Search Engines (PDF)</td>
<td>Robert Gardner</td>
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<td><em>Snagit for Genealogists</em></td>
<td>Barbara Renick</td>
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<td>Developing iOS Applications Using Apple's Core Data and iCloud ... (PDF)</td>
<td>Joshua Proulx</td>
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<td><strong>Developer; Intermediate; Rm. 259</strong></td>
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<td>Family History Technology Workshop (BYU)</td>
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<td>12:00-1:45</td>
<td>National Genealogical Society (NGS) Lunch - 355B/C</td>
<td><em>The Perils of Pursing Pedigrees via Technology</em> by Barbara Renick and Josh Taylor.</td>
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* = requires pre-registration

Get more information about this workshop series [here](http://semanticommunity.info/My_Personal_Family_History_Dashboard/RootsTech2012_Conference). Updated: Sat, 19 Sep 2015 02:58:40 GMT

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<th>Time</th>
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<th>Lecturer/Presenter</th>
<th>Description</th>
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<tr>
<td>1:45- 2:45</td>
<td>*Archives.com Lunch - 355E/F <em>Driving Exponential Growth, User Engagement and Content Delivery Leveraging Massively Scalable Cloud Computing</em> by Matthew Baird, In%ection CTO</td>
<td>Matthew Baird</td>
<td>Thomas MacEntee: Copyright Law for Genealogists (PDF)</td>
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<td>Sandra J Crowley</td>
<td>Understanding WordPress (PDF) Amy Johnson Crow User; Beginner; Rm. 255D</td>
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<td>Ron Tanner</td>
<td>A Report Card for the Genealogy Software Industry (PDF)</td>
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<td>Lisa A. Alzo</td>
<td>Learning Genealogy Online: So Many Choices, So Little Time! (PDF)</td>
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<td>Anna Mitchell, Cristina Cowan User; Beginner; Rm. 255E</td>
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<td>Anna Mitchell, Cristina Cowan User; Beginner; Rm. 255E</td>
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<td>Bill Carroll</td>
<td>Introduction to Groovy and Grails (PDF)</td>
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<td>Capers McDonald</td>
<td>Ancestral Lines Pairing System: Uniquely Numbering Each Ancestral Line…. (PDF)</td>
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<td>Brent Juelich &amp; Jonathan Vincenzo Developer; All; Rm. 259</td>
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<td>Nancy Barnes</td>
<td>Use Adobe Creative Suite to Selfpublish Your Family History Book (PDF)</td>
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<td>Drew Smith</td>
<td>Instant Databases in the Cloud for Genealogy Practitioners and Developers (Word)</td>
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<td>John Bacus</td>
<td>Wielding the Electronic Gavel: Managing Genealogical Discussion (PDF)</td>
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<td>David Barney</td>
<td>What Does It Take to Get a Good Result? The Inner-workings of the… (Word)</td>
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<td>Thomas MacEntee</td>
<td>Taking Your Family History Electronic--</td>
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<td>Randy Whited</td>
<td>FGS Society Leadership Brainstorm (PDF)</td>
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<td>Drew Smith</td>
<td>Family History Technology Workshop (BYU) User or Developer; Adv; Rm. 260</td>
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<td>3:00- 4:00</td>
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<td>John Bacus</td>
<td>John Bacus: User; Beginner; Rm. 255F</td>
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<td>David Barney</td>
<td>Genealogist’s Viewpoint: Copyright Law for Genealogists (PDF)</td>
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<td>David Barney</td>
<td>Google’s Toolbar and Genealogy</td>
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<td>8:30am</td>
<td>Tim Sullivan and an Ancestry.com Panel Making the Most of Technology to Further the Family History Industry Room 155</td>
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<td>9:45-10:45</td>
<td>GeneTech: YDNA Solutions to Common Genealogical Problems (PDF) Nathan W. Murphy User; Beginner; Rm. 255E</td>
<td>Advocating Genealogy and Growing the Market: Issues of the New ... (Word) Janet Hovorka User; Beginner; Rm. 255D</td>
<td>loc.gov: Using Our Nation’s Library Online (PDF) Laura Prescott User; Beginner; Rm. 255F</td>
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<td>Is Your Ancestor Hiding in This Photograph: New Family History ... (PDF)</td>
<td>Web Analytics: Measure and Improve (PDF) David Crowther &amp; Colin Lewis</td>
<td>Genealogy Podcasts and Blogs 101 (PDF) Lisa Louise Cooke User; Beginner; Rm. 155</td>
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| 11:00-12:00  | Phonetic Matching: An Alternative to Soundex with Fewer False Hits (Word) | Stephen P. Morse                                | PHP and MySQL: A Powerful Combination for Presenting Data (PDF)  
Amy Johnson Crow  
Intermediate; Rm. 257 |
|              | Modeling Messy Metadata with MarkLogic (PDF) | Fernando Mesa  
Developer; Intermediate; Rm. 255C             | *The FamilySearch Wiki as Social Media (Word)  
Lise Embley  
User; Intermediate; Rm. 258  
**=requires pre-registration |
|              | Public Cloud vs. Private Cloud   | Larry Beck  
Developer; All; Rm. 260                         | Event Driven Web Applications with Node.js  
Stephen Lynn  
Developer; All; Rm. 259 |
|              | Introducing the FamilySearch Indexing & Linking Tool (PDF) | Grant Echols  
User; Beginner; Rm. 355D                      | A Dozen Ways to Use Your iPad 2 for Genealogy and Writing (PDF)  
Lisa A. Alzo  
User; Beginner; Rm. 255C |
|              | Creating Cross-platform Mobile Apps with Titanium (PDF) | Scott Flinders, Randy Hall, Kevin Willford  
Developer; All; Rm. 255B                      | The Semantic Web, RDF, Dublin Core, and FOAF  
Ryan Heaton  
Developer; Intermediate; Rm. 355A |
|              | H-TREE: A Compact Tree-Visualization Technology | Sean Roylance  
Developer; All; Rm. 255D                      | Refactoring, the Neglected Art (PDF)  
Robert Lee  
Developer; Beginner; Rm. 255A |
|              | *How To Do a Webinar             | Geoff Rasmussen  
User; Beginner; Rm. 258                         | Future of FamilySearch Family Tree (PDF)  
Ron Tanner  
User; Beginner; Rm. 155  
**=requires pre-registration |
| 12:00-1:45   | *Ancestry.com Lunch - 355B/C    |                                                 |                                                 |
Agenda for Thursday, February 2

11:00 am-12:00 Noon
One-Step Webpages: Lesser-Known Gems
Presenter: Stephen P. Morse, PhD
Date: Thursday, February 2, 2012
Time: 11:00-12:00
Room: 255D
Session ID: TU060
Type: Presentation
Difficulty: Advanced
Track: User
Description: This is a sequel to the Potpourri talk. There are too many utilities on the One-Step website to be covered in a single talk, so many of them weren’t presented. However several of those are quite useful. This talk describes those gems that you might not otherwise be aware of.

How Lexmark and FamilySearch Are Working Together to Scan, Route, and OCR Family History Documents
Presenter: Tim Rowland
Date: Thursday, February 2, 2012
Time: 11:00-12:00
Room: 255E
Session ID: TU049
Type: Presentation
Difficulty: All
Track: User
Description: How Lexmark and FamilySearch Are Working Together to Scan, Route, and OCR Family History Documents.

How to Create an Exciting Interactive Family History Story Tour with Google Earth
Presenter: Lisa Louise Cooke
Date: Thursday, February 2, 2012
Time: 11:00-12:00
Room: 258
Session ID: TW003
Type: Hands-on Workshop
Difficulty: Intermediate
Track: User
Pre-registration is required to attend this Hands-on Workshop.
Description: Google Earth is much more than just a mapping program! In this presentation you will learn how to harness Google Earth’s capabilities by using it as a creative multi-media way to tell an ancestor’s story and leave a legacy for future generations. Learn how to incorporate images, videos, genealogical documents, and historic maps and bring it all together in a unique virtual family history tour that you can share on blogs, websites, by email and more, as well as use to further your research through geographic analysis.

Do I Trust the Cloud?
Presenter: D. Joshua Taylor, MA, MLS
Date: Thursday, February 2, 2012
Time: 11:00-12:00
Room: 155
Session ID: TU014
Type: Presentation
With iCloud, Dropbox, and other cloud computing services taking center stage in data storage, genealogists are asking, “Do I trust the cloud?” Discover the basics concepts of cloud computing and how they relate to storing your genealogical data. In addition, relevant case studies will provide you with the resources needed to make a decision on whether or not cloud storage is for you.

**Mining Newspaper Archives**

Presenters: Kathleen Murray, PhD, Tara Carlisle, M.A., M.S.
Date: Thursday, February 2, 2012
Time: 11:00-12:00
Room: 255C
Session ID: TU035
Type: Presentation
Difficulty: Beginner
Track: User
Description: For family historians, historical newspapers are a wonderful source of information. Two freely available newspaper archives (Chronicling America at The Library of Congress and The Portal to Texas History at the University of North Texas) will be used to illustrate techniques for improving research effectiveness and sharing results.

**A New GEDCOM: Project Scope, Goals, and Governance**

Presenter: Ryan Heaton
Date: Thursday, February 2, 2012
Time: 11:00-12:00
Room: 255A
Session ID: TD023
Type: Presentation
Difficulty: Beginner
Track: Developer
Description: The GEDCOM standard is stale. What does a new GEDCOM initiative look like? What is its scope and goals? How is the project governed?

**Top 10 Security Threats and How to Minimize Them**

Presenter: Michael Buck
Date: Thursday, February 2, 2012
Time: 11:00-12:00
Room: 259
Session ID: TD014
Type: Presentation
Difficulty: Intermediate
Track: Developer
Description: This session will cover the OWASP Top Ten, which represents a broad consensus about what the most critical web application security issues are. Each of the top 10 issues will be described, along with possible ways to mitigate the risks associated with them. The purpose of this presentation is to make developers aware of the top security risks associated with web applications in an effort to help them make sure that their applications do not contain these flaws.

**A Genealogical Society Using Social Media**

Presenter: Torill Johnsen
Date: Thursday, February 2, 2012
Time: 11:00-12:00
We would like to explain how our organization is trying to combine normal genealogical research with new internet-based possibilities. The mission of the association is to create a nationwide forum for family and personal history in which computers and the Internet are used as aid. Our mission includes spreading knowledge about this effort and encouraging genealogical research in Norway.

**Using WikiTree to Collaborate With Your Nongenealogist Family Members**

Presenter: Chris Whitten, WikiTree.com Creator
Date: Thursday, February 2, 2012
Time: 11:00-12:00
Room: 255F
Session ID: TU012
Type: Presentation
Difficulty: Beginner
Track: User
Description: WikiTree users fall into two groups: 1) genealogists and, 2) their family members. The completely-free, privacy-controlled, user-friendly interface makes it attractive to those who don’t usually participate in family history. Here are ideas for getting your family members uploading photos, adding personal memories, and filling in the blanks.

**The REST of the Things You Should Know About HTTP**

Presenter: Timothy Stokes, Applications Architect
Date: Thursday, February 2, 2012
Time: 11:00-12:00
Room: 260
Session ID: TW011
Type: Hands-on Workshop
Difficulty: Intermediate
Track: Developer
Pre-registration is required to attend this Hands-on Workshop.
Description: There is a protocol that hasn’t changed for over 11 years, which is a long time in this industry, that is used by billions of people all over the world every day. And yet there are many things about it that we may not know. Please bring your own laptop to participate in this lab.

**Using Event Driven Architectures in the Real-Time Web**

Presenter: Phil Windley
Date: Thursday, February 2, 2012
Time: 11:00-12:00
Room: 257
Session ID: TD016
Type: Presentation
Difficulty: Intermediate
Track: Developer
Description: Cloud computing and APIs are driving a lot of discussion in enterprises. Online data is more dynamic than it’s ever been. The static pools of data that formed the foundation of interactive Web sites are giving way to rivers of dynamic, flowing streams of data in the form of tweets, Facebook updates, SMS messages, and location check-ins. This talk will focus on trends driving online interactions, including APIs and real-time data, and discuss how event-driven architecture can create more loosely coupled, flexible, and responsive systems for interacting with customers.
IBM InfoSphere Identity Insight Deep Dive

Presenter: Brad Allen  
Date: Thursday, February 2, 2012  
Time: 11:00-12:00  
Room: 355A  
Session ID: TD045  
Type: Presentation  
Difficulty: Beginner  
Track: Developer  
Description: Learn from the IBM product management team how IBM InfoSphere Identity Insight is evolving in the areas of identity resolution, relationship resolution and complex event processing to identify the use of false identities and networks of individuals who are trying to hide their relationships to each other.

Personal Digital Preservation: Issues and Approaches

Presenter: Randy Wilson  
Date: Thursday, February 2, 2012  
Time: 11:00-12:00  
Room: 355D  
Session ID: TD033  
Type: Presentation  
Difficulty: Intermediate  
Track: Developer  
Description: Discover key concepts about what it takes to digitally preserve photos and documents, including open standards around organization, tagging and metadata. Contribute to a discussion on how to overcome the remaining hurdles to making digital preservation a reality for the masses.

1:45 - 2:45 pm

Google+ for Genealogists

Presenter: Drew Smith, MLS  
Date: Thursday, February 2, 2012  
Time: 1:45- 2:45  
Room: 258  
Session ID: TW001  
Type: Hands-on Workshop  
Difficulty: Beginner  
Track: User  
Pre-registration is required to attend this Hands-on Workshop.  
Description: How can genealogists use Google+? Learn to use Circles to form organized groups of researchers, Huddles to engage in text-based group communication, Hangouts to facilitate ad hoc face-to-face group meetings, Instant Uploads to store and quickly share photos and digitized documents, and Sparks to learn about and share genealogy news.

NOTES: Free but need a Google Account - https://plus.google.com

Welcome Brand!

http://semanticommunity.info/My_Personal_Family_History_Dashboard/RootsTech2012_Conference  
Updated: Sat, 19 Sep 2015 02:58:40 GMT  
Powered by mindtouch
Now you’re ready to search, create, and share across lots of Google products. Check out your new account in the upper right (click your photo to edit your profile, access Google+, review account settings, and view or adjust settings for web history). We’ve also sent you an email to show you how to get even more out of Google.

Your new email address is niemannbrand@gmail.com.

Thanks for creating an account. Have fun!

https://plus.google.com/105345285080538583253/posts?hl=en

This is so people can learn about you and what you do. But they can already do that for me by just Googling Brand Niemann!

**RootsTech Genealogy Idol**

**Presenter:** Geoff Rasmussen  
**Date:** Thursday, February 2, 2012  
**Time:** 1:45- 2:45  
**Room:** 255B  
**Session ID:** TU025  
**Type:** Presentation  
**Difficulty:** Beginner  
**Track:** User  
**Description:** Attend the first-ever RootsTech Genealogy Idol competition as four contestants - 2 live and 2 online - compete for your votes. In the three rounds of competition, contestants will demonstration their gen-tech expertise and try to woo you with their favorite gen-tech secrets. Everyone will learn—but only one will leave with the title of RootsTech Genealogy Idol. The competition will also be broadcast to a live webinar audience who will cast their votes live.

**Effective Database Search Tactics**

**Presenter:** Kory Meyerink  
**Date:** Thursday, February 2, 2012  
**Time:** 1:45- 2:45  
**Room:** 155  
**Session ID:** TU001  
**Type:** Presentation  
**Difficulty:** Intermediate  
**Track:** User  
**Description:** Online genealogy research requires effective searching of databases. With billions of names in thousands of databases, it’s easy to get lost. This dual focus presentation helps researchers search more effectively while also encouraging developers to incorporate more advanced search techniques, such as truncation, keyword, fielded data, proximity, phrase, and wild word searching.

**Lessons Learned from the Facebook Graph API**

**Presenter:** Tim Shadel  
**Date:** Thursday, February 2, 2012  
**Time:** 1:45- 2:45  
**Room:** 355A  
**Session ID:** TD038  
**Type:** Presentation  
**Difficulty:** All  
**Track:** Developer
Description: Lessons Learned from the Facebook Graph API

**The NoSQL Landscape, Graph Db’s, and a Look at Neo4j**

Presenters: Jason Daniels  
James Gates  
Date: Thursday, February 2, 2012  
Time: 1:45- 2:45  
Room: 257  
Session ID: TD039  
Type: Presentation  
Difficulty: Intermediate  
Track: Developer  
Description: NoSQL What! This is a review of the different NoSQL technologies and where they can be used. We will make a focus on the Graph solutions and provide examples from Neo4J Graph DB.

**Creating the Family Graph**

Presenter: Justin Balthrop  
Date: Thursday, February 2, 2012  
Time: 1:45- 2:45  
Room: 259  
Session ID: TD012  
Type: Presentation  
Difficulty: Beginner  
Track: Developer  
Description: Social networks like Facebook and Twitter have implemented and perfected the social graph. The next step in genealogy is understanding and using the family graph. In this presentation, Justin Balthrop, Chief Technical Officer of Geni.com, will explain how his team built, implemented, and open sourced a fully featured family graph.

**A New GEDCOM: Tools, Syntax and Semantics**

Presenter: Ryan Heaton  
Date: Thursday, February 2, 2012  
Time: 1:45- 2:45  
Room: 355D  
Session ID: TD022  
Type: Presentation  
Difficulty: Intermediate  
Track: Developer  
Description: The GEDCOM standard is stale. What would a new GEDCOM look like in terms of its syntax and semantics? What tools would be made available to promote and apply it?

**The Cloud and Its Benefits**

Presenter: Ike Hull  
Date: Thursday, February 2, 2012  
Time: 1:45- 2:45  
Room: 260  
Session ID: TD059  
Type: Presentation  
Difficulty: All  
Track: Developer  
Description: The Cloud and Its Benefits
E-Learning Software and Authoring Tools for Genealogical Education
Presenter: J. Mark Lowe, CG, FUGA
Date: Thursday, February 2, 2012
Time: 1:45- 2:45
Room: 255E
Session ID: TU067
Type: Presentation
Difficulty: Beginner
Track: User
Description: Offer your genealogical students rich multimedia content created by authoring and web development tools. Web authoring tools and HTML editors range from simple text editors to high powered graphical authoring and content management systems. Take a look at the basic options and tools and follow a presentation from the backside.

Using Advanced Photographic Techniques to Recover Content from Damaged Documents
Presenter: Jack Reese
Date: Thursday, February 2, 2012
Time: 1:45- 2:45
Room: 255A
Session ID: TU071
Type: Presentation
Difficulty: Intermediate
Track: User
Description: We sometimes encounter damaged documents that are difficult to read and/or image because they have faded due to exposure to water, mold, fire, light, or natural fading over time. Advanced photographic techniques can improve legibility - often revealing information not visible to the human eye in the original document.

Genealogical and Ancestral Applications Of The Paternally-Inherited Y Chromosome
Presenter: Scott R. Woodward, PhD
Date: Thursday, February 2, 2012
Time: 1:45- 2:45
Room: 255C
Session ID: TU059
Type: Presentation
Difficulty: Advanced
Track: User
Description: The most widely used genetic marker in genealogy is the Y chromosome for the study of surname distributions as well as in tracing ancient population migrations. Thousands of Y chromosome profiles are now available in public databases and in the literature to help genealogists unlock the history of their paternal ancestors.

YouTube Your Family History
Presenter: Devin Ashby
Date: Thursday, February 2, 2012
Time: 1:45- 2:45
Room: 255F
Session ID: TU021
Type: Presentation
Difficulty: Intermediate
Track: User
Description: If a picture is worth a thousand words, then a video is worth a thousand pictures. Creating a video of your family history online is simple and can be an exciting project for your entire family. Come find out how to do it.
Using Android Devices for Genealogy and Family History

Presenter: David E. Lifferth
Date: Thursday, February 2, 2012
Time: 1:45- 2:45
Room: 255D
Session ID: TU020
Type: Presentation
Difficulty: Intermediate
Track: User
Description: Half of all smart phones use Android and that market share is projected to continue to increase. Mobile apps are becoming richer in features and are being used instead of more expensive traditional desktop applications. Learn how to use your Android smart phone or tablet for Genealogy.

3:00- 4:00 pm


Presenter: Amy Johnson Crow, MLIS, CG
Date: Thursday, February 2, 2012
Time: 3:00- 4:00
Room: 255E
Session ID: TU008
Type: Presentation
Difficulty: Intermediate
Track: User
Description: Learn how to use modern technology tools that will allow you to locate living relatives and descendants of a common ancestor. Doing so often holds the keys to extending research further in the past, locating valuable family documents, photographs and heirlooms, and identifying overlooked ancestral connections.

Securing Your Browsing Experience

Presenter: Michael Buck
Date: Thursday, February 2, 2012
Time: 3:00- 4:00
Room: 255C
Session ID: TU072
Type: Presentation
Difficulty: All
Track: User
Description: Hackers and Marketeers have directed their efforts to get to us and our computers through web sites and our browsers. There are a number of current attacks directed specifically at web browsers. These include everything from tracking your interests and providing targeted advertising to taking control over your computer for use in a bot net. This session will provide an overview of some of these attacks. Then several free browser plug-ins and tools will be presented and demonstrated which provide protection from these attacks.

To Pay or Not to Pay

Presenter: Bonnie Raymer Petrovich
Date: Thursday, February 2, 2012
**Time:** 3:00- 4:00  
**Room:** 255F  
**Session ID:** TU011  
**Type:** Presentation  
**Difficulty:** Beginner  
**Track:** User  
**Description:** An overview of the Commercial Portal sites at Family History Centers. The database contents, features, differences, benefits, and values ($1200) per year, if subscribed to individually. Class shows examples, how to navigate and print, including built in helps and other resources.

**Twitter - It’s Not Just “What I Had for Breakfast” Anymore**

**Presenter:** Thomas MacEntee  
**Date:** Thursday, February 2, 2012  
**Time:** 3:00- 4:00  
**Room:** 155  
**Session ID:** TU064  
**Type:** Presentation  
**Difficulty:** Intermediate  
**Track:** User  
**Description:** When it comes to Twitter, if you just don’t “get it” then you aren’t alone. Even expert Twitter users start out not fully understanding the basics such as Twitter etiquette, acronyms and codes, and the “Zen” of effective communication within a 140 character limit. If you think Twitter is just for techies then think again - you’ll be amazed to find out how using Twitter can open up new areas of genealogy research and education for you.

**An Open-Source Place-Finder for Genealogy**

**Presenters:** Dallan Quass, PhD  
Ryan Knight  
**Date:** Thursday, February 2, 2012  
**Time:** 3:00- 4:00  
**Room:** 257  
**Session ID:** TD048  
**Type:** Presentation  
**Difficulty:** Intermediate  
**Track:** Developer  
**Description:** When comparing people for potential duplicates or creating programs with mapping capabilities, identifying and standardizing places is important. Genealogy has a special challenge in this area, because places change names and jurisdictions over time. This talk describes an open-source place-finder: a program and database to map genealogist-recorded place texts to standardized places.

**Gamification Basics, Recognizing the Path To User Loyalty**

**Presenter:** Dave McAllister  
**Date:** Thursday, February 2, 2012  
**Time:** 3:00- 4:00  
**Room:** 255D  
**Session ID:** TD056  
**Type:** Presentation  
**Difficulty:** All  
**Track:** Developer  
**Description:** Gamification is the process of game thinking and dynamics, to engage audiences, and solve problems. It offers ways to engage and retain loyalty, provide active participation and breech boundaries. While often social in interaction, gamification crosses boundaries of all types. Gamification offers numerous creative opportunities to
enliven applications with contests, leader boards, and/or badges that give participant opportunities for recognition and a positive attitude toward your work.

**Websites: A "How-To" Guide to Website Building**

Presenter: Reed Powell  
Date: Thursday, February 2, 2012  
Time: 3:00- 4:00  
Room: 255A  
Session ID: TU053  
Type: Presentation  
Difficulty: Intermediate  
Track: User  
Description: A step by step introduction for non-programmers: Creating websites to share genealogy research information. WordPress and Joomla will be compared, and techniques for integrating genealogy information. It will show how to get a website up and running with WordPress which has the look and feel of a traditional website.

**Creating One-Step Search Tools**

Presenter: Stephen P. Morse, PhD  
Date: Thursday, February 2, 2012  
Time: 3:00- 4:00  
Room: 259  
Session ID: TD026  
Type: Presentation  
Difficulty: Intermediate  
Track: User or Developer  
Description: Many people have data that they’d like to share over the Internet. This normally involves technical skills in designing search forms and developing search engines. Even experienced programmers find this to be time consuming. This talk presents a tool that will automatically produce the desired search form and search engine.

**The Powers of Evernote: Photos, URLs, Censuses, Geo-Location, and Stories**

Presenters: Tevya Washburn (Tech Manager: FiddlerStudios web services; Editor: Mormon Life Hacker), Kurt Francom  
Date: Thursday, February 2, 2012  
Time: 3:00- 4:00  
Room: 255B  
Session ID: TU063  
Type: Presentation  
Difficulty: Beginner  
Track: User  
Description: Evernote is an excellent central location for all genealogy research. Store photos of gravestones, record a page with a picture, save web content with a click, record audio, outline blog posts, and geo-tag locations. We’ll cover the basics of using Evernote Desktop, Android/iOS mobile apps, Web, and Web Clipper.

**Storing the Family Tree with MongoDB**

Presenter: Steve Francia  
Date: Thursday, February 2, 2012  
Time: 3:00- 4:00  
Room: 260  
Session ID: TD043  
Type: Presentation  
Difficulty: All  
Track: Developer
Description: Why MongoDB is a great fit for genealogical data thanks to its flexible schema, rich documents and ability to scale to humongous data sets.

**Help Index the 1940 U.S. Census**

Presenter: Jim Ericson  
Date: Thursday, February 2, 2012  
Time: 3:00- 4:00  
Room: 258  
Session ID: TW008  
Type: Hands-on Workshop  
Difficulty: Beginner  
Track: User  
Pre-registration is required to attend this Hands-on Workshop.

Description: Get a sneak preview and get ready to help index the 1940 Census.

Marketing Manager for FamilySearch recruiting volunteers.  
How many are into the 1940 Census? How many have a parent in it? How many are way beyond it?  
Video  
Funding from ?? for this.  
Has slides for presentation.

**Ancestry.com 1940**

Source: [http://www.ancestry.com/1940](http://www.ancestry.com/1940)

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1940 Census Release is Different  
Already Digital Images
The 1940 Census

Source: http://the1940census.com/

- Archives
- FamilySearch
- FindMyPast

“Unlike previous census years, images of the 1940 U.S. Federal Census will be made available as free digital images.”

ON APRIL 2, 2012, NARA will provide access to the images of the 1940 United States Federal Census for the first time. Unlike previous census years, images of the 1940 U.S. Federal Census will be made available as free digital images.

Upon its release, the 1940 U.S. Census Community Project, a joint initiative between Archives.com, FamilySearch, findmypast.com, and other leading genealogy organizations, will coordinate efforts to provide quick access to these digital images and immediately start indexing these records to make them searchable online with free and open access.

The “Greatest Generation”

The 1940 U.S. Federal Census is the largest, most comprehensive, and most recent record set available that records the names of those who were living in the United States at the time the census was taken.

132 million people were living in the 48 Continental United States in 1940.

Tens of millions of people living in the United States in 1940 are still living today, making this a record set that connects people with recent family records.

Many of these individuals are part of what has been called the greatest generation. These are people who:
- Survived the Great Depression
- Fought in the Second World War
- Innovated technology (TV, Microwave)
- Sacrificed in the name of freedom
- Practiced thrift and compassion
- Understood hard work and industry

The people in the 1940 census deserve to have their records preserved and made available online.

Rich and Unique Information

The 1940 census included several standard questions, such as: name, age, gender, race, education, and place of birth. But the census also introduced some new questions. One example is that the enumerator was instructed to mark (with a circled x) who in the household responded to the census questions. Other questions included whether the person worked for the CCC, WPA, or NYA the week of March 24-30, 1940, and the income for the 12 months ending December 31, 1939.

New, interesting questions were asked:
- Where people lived 5 years before
- Highest educational grade achieved
- Detailed income and occupation

[Read detailed enumerator instructions]

As part of the census, 5% of respondents (two names per page) were asked supplemental questions, which included the place of birth of the person's father and mother, the respondent's usual occupation (not just for the week of March 24-30), and questions related to marriage for all women who were or had been married. The enumerators asked women if they had been married more than once, the age at first marriage, and the total number of children to whom they had ever given birth.

<aside>

START INDEXING TODAY

Get ready for the 1940 census by learning how indexing works

1. Download the indexing software
2. Launch the FamilySearch Indexing software
3. Register with a FamilySearch account
4. Log in and select an indexing project to get started

[Download the Indexing Software]
</aside>
Suggested Training Projects

We have recently added several indexing projects that will help you prepare for the 1940 U.S. Federal Census project.

View projects in alphabetical order

Full, Free Access Is Coming

The 1940 U.S. Census Community Project will start publishing the 1940 U.S. Federal Census for free on April 2, 2012, the day the census is released by NARA.

As part of the 1940 project tens of thousands of volunteers will use the digital images to to start transcribing the records so they become searchable.

Complete publication of the index will depend on how many volunteers like you can help.

Society Indexing

Are you a member of a society or other organization? Learn how your organization can benefit from getting involved in this monumental effort.

Society Indexing Information

1940 U.S. Census Community Project Sponsors: Archives.com | FamilySearch.org | findmypast.com

Try your hand at related Family Search indexing projects
WWI Draft Cards
WWI Draft Cards
State Censuses
1871 UK Census
Others
Review Your Family tree for missing information (who is still alive?)

The Role of Indexing
Get Rights - Government Record
Digital Conversion - Put Online
Online Access- Everyone Gets to See
Ancestors Identified - Sources used to document individuals in a family tree

1940 Census Records
Source: See NARA: http://www.archives.gov/research/census/1940/

Media, iframe, embed and object tags are not supported inside of a PDF.
Countdown to the release of the 1940 Census, April 2, 2012!

The 1940 census will be released online on April 2, 2012.

The digital images will be accessible free of charge at NARA facilities nationwide through our public access computers as well as on personal computers via the internet.

Census Resources

- [Tips for Using Census Records, 1790-1840](#)
- [Tips for Using Census Records, 1850-1930](#)

How to Order

Use Form Number [NATF 82](#) to order individual pages of Federal population census schedules, 1790-1930, used for genealogical research or as evidence of age and place of birth for employment, social security benefits, insurance, passports and other reasons.

- [Order Now](#)

Part 1: General Information

- [FAQs about the 1940 Census](#)
- [1940 Census Forms](#)
- [Questions Asked on the 1940 Census](#)
- [Selected List of Codes](#)

Part 2: How to Start Your 1940 Census Research

Part 3: Finding Aids

- [Geographic Descriptions of Census Enumeration Districts](#)
- [Enumeration District Maps](#)
- [Abridged Instructions to the Enumerator](#)
- [Complete Instructions to the Enumerator](#) (7.87 MB)
- [Occupation and Industry Classifications](#) (12.1 MB)
- [1940 City Directories at NARA](#)
- [Find Census Enumeration District Numbers using Stephen P. Morse's Search Engines](#)

Part 4: Videos

Part 5: Articles and Online Data

Part 6: Information for Libraries, Genealogical Organizations, and other Organizations
For more information, contact us at 1940Census@nara.gov

Timeline - Hard to See Graphic

Take Away: Good Ward and Stake Project to Do Group Indexing!

The Importance of APIs in Genealogy

Presenter: Michael Berkovich
Date: Thursday, February 2, 2012
Time: 3:00- 4:00
Room: 355D
Session ID: TD031
Type: Presentation
Difficulty: Beginner
Track: Developer
Description: With the advent of online and cooperative genealogy, APIs have become vital in the progression of the industry. In this presentation, Michael Berkovich, the Platform Technical Lead at Geni.com, will explain the implementation and use of APIs in a genealogical context.

How the England and Wales 1911 Census Was Digitized

Presenter: Ian Tester
Date: Thursday, February 2, 2012
Time: 3:00- 4:00
Room: 355A
Session ID: TU069
Type: Presentation
Difficulty: All
Track: User or Developer
Description: 36 million paper-based records, 16 million images, 8 million different sets of handwriting—the 1911 census was the largest family history project ever undertaken in the UK. We’ll explore the unique challenges posed by this project and examine how brightsolid online publishing set about overcoming them.

4:15-5:15pm

A Digital Preservation Community, at Scale

Presenter: Jay Verkler
Date: Thursday, February 2, 2012
Time: 4:15 – 5:15
Room: 260
Type: Presentation
Difficulty: Intermediate
Track: User or Developer
Description: Working out a robust and reliable digital preservation system is a technical, organizational, and financial challenge. Building an enterprise system that can scale beyond 100’s of petabytes takes more than a single organization. This presentation will describe approaches, plans, and experiences for tackling the multi-headed beast of digital preservation. We will discuss technology at scale, organizations at scale, and what can happen to finances at scale, and the importance of working with a community orientation.
Galaxy Girls - Three Genealogists and Their Android Tablets
Date: Thursday, February 2, 2012
Time: 4:15- 5:15
Room: 255B
Session ID: TU032
Type: Presentation
Difficulty: Beginner
Track: User
Description: Three genealogists purchased Android tablets early in 2011. Communicating via blog posts, Twitter and Google+ they have shared experiences with each other and the online community. This session gives an insight into how each uses her Android tab and shows the apps that each has chosen for her particular needs.

Visualization of Genealogy Data
Presenter: Mike Miller, MBA
Date: Thursday, February 2, 2012
Time: 4:15- 5:15
Room: 255A
Session ID: TD015
Type: Presentation
Difficulty: Intermediate
Track: User or Developer
Description: This session will explore the graphical techniques used in developing Branches, a desktop Windows application using the .Net development environment, SQL databases and Genesis API’s. We will explore the concept of simplification in working with complex data structures and their visual representation on computing devices including a short discussion on implementation in the FamilySearch environment.

Web of Knowledge for Historical Documents
Presenter: David Embley
Date: Thursday, February 2, 2012
Time: 4:15- 5:15
Room: 259
Session ID: TD011
Type: Presentation
Difficulty: All
Track: Developer
Description: WoK-HD project is essentially a semantic web application for family history, including automatic fact extraction, implied fact generation, and free-form query processing.

Storing the Family Tree with MongoDB - Lab
Presenter: Steve Francia
Date: Thursday, February 2, 2012
Time: 4:15- 5:15
Room: 258
Session ID: TW013
Type: Hands-on Workshop
Difficulty: Intermediate
Track: Developer
Pre-registration is required to attend this Hands-on Workshop.
Description: Get your hands dirty using MongoDB to see how it can be used for genealogical data. See first-hand how to store and retrieve data using this flexible schema that is able to scale to accommodate humongous data sets. Please bring your own laptop to participate in this lab.

**Eleven Layers of Online Searches**

Presenter: Barbara Renick  
Date: Thursday, February 2, 2012  
Time: 4:15-5:15  
Room: 155  
Session ID: TU009  
Type: Presentation  
Difficulty: Intermediate  
Track: User

Description: No one search method works all the time. Both online and classic search methods have their advantages and limitations. Genealogists need to know how to switch from one type of online search to another. Layering advanced search techniques (from No Name searches to refined Alphabetical Browsing) helps you find even more before switching to classic resources.

**The Family Graph API by MyHeritage.com**

Presenter: Daniel Horowitz  
Date: Thursday, February 2, 2012  
Time: 4:15-5:15  
Room: 355D  
Session ID: TU017  
Type: Presentation  
Difficulty: Advanced  
Track: User or Developer

Description: The Family Graph API provides simple, powerful and consistent access to MyHeritage massive data of 61 million users, 21 million family trees, 885 million profiles in 38 languages, allowing developers to create applications to interface with MyHeritage.com and take advantage of family relations.

**On the Road to Mashups: Integrating Data from API Providers**

Presenter: Reed Powell  
Date: Thursday, February 2, 2012  
Time: 4:15-5:15  
Room: 257  
Session ID: TD017  
Type: Presentation  
Difficulty: Intermediate  
Track: Developer

Description: Webservices and APIs, each with a uniqueness and value, appear almost daily. Examples include REST and SOAP webservices for mapping, translation, geographic names, and genealogical data. This lecture gives examples of combining the capabilities of multiple providers in order to provide unique capabilities on your website.

**Show Don't Tell: Creating Interactive Family Histories**

Presenter: Lisa Alzo  
Date: Thursday, February 2, 2012  
Time: 4:15-5:15  
Room: 255D  
Session ID: TU041  
Type: Presentation
Difficulty: Intermediate
Track: User
Description: Learn how to bring your ancestors to life using online tools to create interactive family histories.

Loops, Dups, andOops, Oh, My! New FamilySearch and Ancestral Relationships

Presenters: Kaylene Williams, Janae Lakey
Date: Thursday, February 2, 2012
Time: 4:15- 5:15
Room: 255F
Session ID: TU036
Type: Presentation
Difficulty: Beginner
Track: User
Description: Are incorrect relationships appearing for your ancestors in New FamilySearch? Have different people been merged together incorrectly? If so, you will not want to miss this class! You will learn about tips, resources, and suggestions on ways to correct these relationships and how to avoid them in the future.

Tuning and Monitoring SOLR for Enhanced Performance in Searching a Newspaper Archive

Presenter: Boon Low
Date: Thursday, February 2, 2012
Time: 4:15- 5:15
Room: 355A
Session ID: TD052
Type: Presentation
Difficulty: Intermediate
Track: Developer
Description: This talk provides a discussion on SOLR, an open-source search platform in the context of British Newspaper Archive. Maintaining good performance and infrastructure scalability remains a challenge. In this talk, we discuss efforts in testing and tuning system performance, as well as initiatives to simulate and monitor user behaviour.

Google+ or Facebook

Presenter: Dan Lynch
Date: Thursday, February 2, 2012
Time: 4:15- 5:15
Room: 255E
Session ID: TU016
Type: Panel or Discussion
Difficulty: Beginner
Track: User
Description: With the introduction of Google+ in July 2011, genealogists were once again among the early adopters exploring Circles, Hangouts, and everything else that Google+ had to offer. Then the questions started . . . which social networking solution is better for family history? We’ll discuss the pros and cons of the major social networking offerings in a fast-changing, competitive online environment.

Multi-languages, High Volume, High Speed Digitization of Genealogy Records

Presenters: Ronald Cheung, Paul Siu
Date: Thursday, February 2, 2012
Time: 4:15- 5:15
Room: 255C
Session ID: TU002
Type: Presentation
Take a peak behind the scenes to see how we used the most advance Industrial Engineering methodology, Information Technology and Human Factors research to create a 21st century operations to make data from past centuries available to all.

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**Agenda for Friday, February 3**

**9:45-10:45 am**

**A User’s Perspective: Developing a Universal Metadata Structure for Genealogical Content Providers**

Presenter: D. Joshua Taylor, MA, MLS  
Date: Friday, February 3, 2012  
Time: 9:45-10:45  
Room: 255C  
Session ID: TU015  
Type: Presentation  
Difficulty: Intermediate  
Track: User  
Description: With a complicated world of for-profit and non-profit content providers, the need for a universal metadata structure is overwhelmingly apparent. The need to produce content that interacts with genealogical databases, social networking resources, and mobile technologies is essential to maintaining relevancy within the genealogical marketplace. Come listen to one perspective on the need for such a structure and its necessary components.

**Building High-Performance Web Services with SCALA**

Presenter: Timothy Stokes, Applications Architect  
Date: Friday, February 3, 2012  
Time: 9:45-10:45  
Room: 259  
Session ID: TW012  
Type: Hands-on Workshop  
Difficulty: Intermediate  
Track: Developer  
Pre-registration is required to attend this Hands-on Workshop.  
Description: Building high performance web services with SCALA Please bring your own laptop to participate in this lab as no computers will be provided.

**Genealogy Internet Gems**

Presenter: The Ancestry Insider  
Date: Friday, February 3, 2012  
Time: 9:45-10:45  
Room: 255F  
Session ID: TU007  
Type: Presentation  
Difficulty: Beginner  
Track: User
Description: The Internet has millions of genealogy pages. Some are free, more are free at your local library, and some require you to buy a subscription. Attendees will learn about the cream of the crop, a handful of websites well worth your time and attention.

**Supercharge the Experience with HTML5 and Ajax**

Presenter: Dovy Paukstys  
Date: Friday, February 3, 2012  
Time: 9:45-10:45  
Room: 355D  
Session ID: TD053  
Type: Presentation  
Difficulty: All  
Track: Developer  
Description: An in-depth look at modern technologies that developers can use to create stunning visualizations of genealogical data. A look at the top genealogy companies and their implementation of these technologies. Real-world examples and tips to stay ahead of the competition.

**Publish Your Genealogy Online**

Presenter: Laura G. Prescott  
Date: Friday, February 3, 2012  
Time: 9:45-10:45  
Room: 155  
Session ID: TU039  
Type: Presentation  
Difficulty: Intermediate  
Track: User  
Description: We'll review several of the many ways you can publish your genealogy online. Learn more about the choices available for appearance, access, costs, and privacy. Explore simple, attractive solutions for showing off your research and sharing it with your family, friends, or colleagues.

**Implementing a Continuous Interaction And Deployment Strategy for PHP/LAMP Applications**

Presenter: Don Stringham  
Date: Friday, February 3, 2012  
Time: 9:45-10:45  
Room: 257  
Session ID: TD008  
Type: Presentation  
Difficulty: Beginner  
Track: Developer  
Description: What does continuous integration mean? Why is it important? Using the popular tools surrounding PHP/LAMP web applications learn why and how to set up a continuous integration server. This practice has shown that you can have a stable product with rapid feedback and delivery of features.

**Google Search 2012**

Presenter: Dan Lynch  
Date: Friday, February 3, 2012  
Time: 9:45-10:45  
Room: 258  
Session ID: TW010  
Type: Hands-on Workshop  
Difficulty: All
Pre-registration is required to attend this Hands-on Workshop.

Description: Roll up your sleeves for this hands-on session! Google remains the most powerful online tool you can use when researching your family history—and it's FREE! For many users, ongoing refinements and innovation by Google have spoiled us beyond our ability to digest the changes and realize the benefits. You'll have the chance to learn and test genealogy-specific Google tips as taught by experts Dan Lynch (author of "Google Your Family Tree"), as well as Google engineers who will be on hand for the event. Plan ahead because space is limited.

Awesome Family Websites: Record Your Living Family History

Presenters: Tevya Washburn (Tech Manager: FiddlerStudios web services; Editor: Mormon Life Hacker), Kurt Francom
Date: Friday, February 3, 2012
Time: 9:45-10:45
Room: 255D
Session ID: TU062
Type: Presentation
Difficulty: Beginner
Track: User
Description: Connect with living family while sharing memories of those who have passed on. This presentation will briefly cover how to build or buy your own, easy-to-use, private family website. Then it will explore the experiences of several extended families to show just how effective these websites can be in connecting your family. Throughout, you'll be shown how to effectively use and manage a powerful family website, as well as how to use it to privately share family history stories, data, and more.

Introduction to jQuery and FamilySearch

Presenter: David Hansen
Date: Friday, February 3, 2012
Time: 9:45-10:45
Room: 355A
Session ID: TD007
Type: Presentation
Difficulty: Beginner
Track: Developer
Description: This is an introduction to using jQuery for first time users or those who may be considering using jQuery for their web application. This session is not intended for advanced jQuery developers. An introduction to jQuery will be covered followed by a demonstration of using jQuery in the FamilySearch web application.

Deep Linking and Deeper Linking: How I Get the Most Out of Existing Search Applications

Presenter: Stephen P. Morse, PhD
Date: Friday, February 3, 2012
Time: 9:45-10:45
Room: 255A
Session ID: TD027
Type: Presentation
Difficulty: Intermediate
Track: Developer
Description: Deep linking provides a means of extracting information from third-party websites in general, and search applications in particular. Various deep linking techniques are introduced. Then the tables are turned and methods of blocking others from deep linking to your website are described. The legalities of deep linking are also discussed.
Can You Hear Me Now? Voice Recognition Software and Genealogy

Presenter: Luana Darby, B.A.
Date: Friday, February 3, 2012
Time: 9:45-10:45
Room: 255E
Session ID: TU046
Type: Presentation
Difficulty: Intermediate
Track: User

Description: Learn how you can take advantage of voice recognition software (VRS) to speed up your genealogical writing and convert those old personal interviews to words on a page. This class will introduce you to several programs and teach you how to “talk” your way through writing that tough family history.

New Avenues in Genetic Genealogy

Presenters: Jane Buck, Elise Friedman
Date: Friday, February 3, 2012
Time: 9:45-10:45
Room: 255B
Session ID: TU030
Type: Presentation
Difficulty: Beginner
Track: User

Description: New Avenues in Genetic Genealogy will cover how DNA testing works and how it can be used to trace anthropological origins and reunite families. We will also demonstrate how recent scientific breakthroughs, specifically microarray technology and autosomal DNA testing, have greatly expanded the possibilities of making genealogical discoveries.

11:00 am-12:00 pm

A Robust Open-source GEDCOM Parser

Presenters: Dallan Quass, PhD, Ryan Knight
Date: Friday, February 3, 2012
Time: 11:00-12:00
Room: 255A
Session ID: TD047
Type: Presentation
Difficulty: Intermediate
Track: Developer

Description: One of the biggest hurdles in developing genealogy applications is writing a GEDCOM parser. Parsing GEDCOMs is a lot like parsing HTML in the late 1990s. This talk describes an open-source GEDCOM parser that is robust in the face of extensions and errors.

Tools and Methods for Internationalization of Applications

Presenter: Aaron Davis
Date: Friday, February 3, 2012
Time: 11:00-12:00
Room: 257
Session ID: TD001
Type: Presentation
Writing an application for a global audience requires thoughtful planning and proper resources. This session will include practical tips for internationalizing your application.

**Citation Principles for Tech Creators**
Presenter: Robert Raymond  
Date: Friday, February 3, 2012  
Time: 11:00-12:00  
Room: 255D  
Session ID: TD020  
Type: Presentation  
Difficulty: Beginner  
Track: Developer  
Description: Meeting the citation needs of genealogists goes beyond copying the templates from Elizabeth Shown Mills’s Evidence Explained. This session explains citation principles that technology creators can exploit to more fully meet their customers’ needs.

**Snagit for Genealogists**
Presenter: Barbara Renick  
Date: Friday, February 3, 2012  
Time: 11:00-12:00  
Room: 258  
Session ID: TW005  
Type: Hands-on Workshop  
Difficulty: Beginner  
Track: User  
Pre-registration is required to attend this Hands-on Workshop.  
Description: Snagit is more than just a capture program. At the click of a button it can record a digital research experience and share it with a list of collaborators.

**Using a Blog as Your Online Research Log**
Presenter: Drew Smith, MLS  
Date: Friday, February 3, 2012  
Time: 11:00-12:00  
Room: 255E  
Session ID: TU022  
Type: Presentation  
Difficulty: Beginner  
Track: User  
Description: Genealogical researchers have long been encouraged to maintain a research log. Learn how to maintain an online research log that can be accessed by you no matter where you are and that can be shared with family and other researchers.

**Telling Stories: Transforming the Bare Facts of Genealogy into the Astonishing Tale of You and Your Family**
Presenter: Ian Tester  
Date: Friday, February 3, 2012  
Time: 11:00-12:00  
Room: 255C  
Session ID: TU028
Type: Presentation
Difficulty: Intermediate
Track: User
Description: We’ll explore the role of narrative in family history and explore some of the ways that technology can help transform bare facts into a satisfying story, both for the creator (the researcher) and a wider audience. On the way we’ll explore what’s required to build a satisfying narrative and the tools we could develop to transform data into OMG moments.

**Developing iOS applications using Apple’s Core Data and iCloud Storage APIs**

Presenter: Joshua Proulx
Date: Friday, February 3, 2012
Time: 11:00-12:00
Room: 259
Session ID: TD010
Type: Presentation
Difficulty: Intermediate
Track: Developer
Description: This will be a live demonstration of how to create applications in Objective C for iOS that leverage Apple’s Core Data and recently released iCloud Storage APIs. Together these iOS APIs allow users to create and interact with data from any number of iPhone, iPad, or desktop devices while keeping the data in sync across all devices and stored securely in the cloud.

**Genealogy 2.0: International Panelists Discuss Their Use of Social Media to Connect With Cousins, Collaborate on Projects, Discuss Issues, Market and Promote Genealogy Services and Perform Acts of Genealogical Kindness.**

Date: Friday, February 3, 2012
Time: 11:00-12:00
Room: 255B
Session ID: TU033
Type: Panel or Discussion
Difficulty: Intermediate
Track: User
Description: International panelists, Jill Ball, Amy Coffin, Audrey Collins and Lorine McGinnis-Schulze who met at Rootstech 2011, discuss Genealogy 2.0. Taking a case study approach they will discuss the use of social media to connect with cousins, collaborate on projects, discuss issues, market and promote services and perform acts of kindness.

**Optimizing Your Site for Search Engines**

Presenter: Robert Gardner, Ph.D.
Date: Friday, February 3, 2012
Time: 11:00-12:00
Room: 155
Session ID: TU055
Type: Presentation
Difficulty: Beginner
Track: Developer
Description: With the explosion of genealogical information available online, it is important to make that information available on Internet search engines. This session discusses techniques for making your site easy for search engines to crawl, index, and rank. Topics include optimal page layout, sitemaps, and a genealogy-specific microdata standard.
Scalable Applications: Handling Big Data on the Public Cloud

Presenter: Sam Fletcher
Date: Friday, February 3, 2012
Time: 11:00-12:00
Room: 355D
Session ID: TD040
Type: Presentation
Difficulty: All
Track: Developer
Description: This session will give an overview of technologies that are being used in the IT Industry to deal with datasets that grow so large that they become awkward to work with using onhand database management tools. Three aspects of data that contribute to Big Data problems will be discussed along with some solutions including: Column Store Databases, NoSQL Databases, Unstructured Schema Stores, so-called newSQL Databases, and New MySQL Storage Engines.

No More Guessing, Secure Your Computer and Data in 10 Easy Steps

Presenter: Barry J. Ewell
Date: Friday, February 3, 2012
Time: 11:00-12:00
Room: 255F
Session ID: TU010
Type: Presentation
Difficulty: Intermediate
Track: User
Description: Learn how to secure your computer and data from security ills that face each of while surfing the net. Never again will you have to cross your fingers and hope that you are safe.

Database Design 101

Presenter: Amy Johnson Crow, MLIS, CG
Time: 11:00-12:00
Room: 355A
Session ID: TU005
Type: Presentation
Difficulty: Beginner
Track: User
Description: Learn how to evaluate the data you are working with as well as explore ways that researchers might want to use it. This session will explore the basics of good database design (no matter what language you’re using) as well as how to avoid the traps that make users cringe.

1:45-2:45 pm

Genealogists "Go Mobile"

Presenter: Sandra J. Crowley
Date: Friday, February 3, 2012
Time: 1:45-2:45
Room: 155
Session ID: TU058
Type: Presentation
Difficulty: Intermediate
Track: User
Description: Going mobile has little to do with planes, trains or automobiles and more to do with the “Cloud” and other technology trends and applications that let you enjoy the benefits of having everything at your fingertips—anytime, anywhere. Find out how to take advantage of the latest technology and how to keep up-to-date on the latest tech news.

Understanding WordPress
Presenter: Amy Johnson Crow, MLIS, CG
Date: Friday, February 3, 2012
Time: 1:45-2:45
Room: 255D
Session ID: TU004
Type: Presentation
Difficulty: Beginner
Track: User
Description: WordPress is one of the most popular blogging platforms. However, you can do so much more than have “just” a blog. This session will explore the varieties of WordPress, how to choose the one that’s right for you, and how to customize it with plugins, widgets, and themes.

Word Processing Tricks for Genealogical Publishing
Presenter: Jeri J Steele, PMP
Date: Friday, February 3, 2012
Time: 1:45-4:00
Room: 258
Session ID: TW006
Type: Hands-on Workshop
Difficulty: Intermediate
Track: User
Pre-registration is required to attend this Hands-on Workshop.
Two-hour session.
Description: To make an attractive newsletter or book, genealogists can insert photographs and summarizing tables. This session presents Tips and Tricks on inserting photographs and tables in word processors. Also covered will be working with sections, multiple columns, table of contents and indexes. Examples will be presented from both Word and Pages (Mac & iPad)

Ancestral Lines Pairing System: Uniquely Numbering Each Ancestral Line, Generation, Pairing and Sibling
Presenter: Capers McDonald
Date: Friday, February 3, 2012
Time: 1:45-2:45
Room: 259
Session ID: TD049
Type: Presentation
Difficulty: All
Track: Developer
Description: Newly published pedigree numbering system displays family lines and generations of direct ancestors in multiple formats. Mathematically based and readily computerized, easy to read and understand with unique indicators clearly conveying genealogical information. Line numbers added at half rate individuals added using Ahnentafel, and smaller numbers continue into deeper ancestries.
Introduction to Groovy and Grails
Presenter: Bill Carroll
Date: Friday, February 3, 2012
Time: 1:45- 2:45
Room: 257
Session ID: TD003
Type: Presentation
Difficulty: Intermediate
Track: Developer
Description: This session will provide an introduction to the Groovy programming language, a dynamic language for the JVM, and Grails, an open-source web application framework designed for rapid development based on the principle of convention over configuration. It will also include a brief demonstration of digesting a web service and creating a RESTful web service.

Instant Databases in the Cloud for Genealogy Practioners and Developers
Presenters: Brent Juelich, Senior Director, Managed Services, Savvis, Inc., Jonathan Vincenzo, Technical Director
Date: Friday, February 3, 2012
Time: 1:45- 2:45
Room: 355D
Session ID: TD055
Type: Presentation
Difficulty: All
Track: Developer
Description: Genealogist, family historians and database developers can see first-hand how applying cloud computing advantages to databases provides a fast, cost effective and scalable solution to your projects. Attendees will learn how to deploy a complete Oracle 11g RAC or Microsoft SQL Server 2008 environment within minutes without the hassles of hardware acquisition, server installation and database licensing. Symphony Database allows you to start with a very small database, possible while you are developing; and then grow to as large as you need with truly enterprise-class features. As needs change, attendees will be shown how to “right-size” your database instantly saving cost and paying for just what you need.

Genealogical Uses for QR Codes
Presenter: Thomas MacEntee
Date: Friday, February 3, 2012
Time: 1:45- 2:45
Room: 255C
Session ID: TU065
Type: Presentation
Difficulty: Intermediate
Track: User or Developer
Description: Would you use a scanner on a gravestone to look up an ancestor’s life story? Would you look to a bar code on a document to download its source citation? All these applications and more are possible through the use of the developing QR code technologies.

5 New Things to Try at Ancestry.com
Presenters: Crista Cowan, Anne Mitchell
Date: Friday, February 3, 2012
Time: 1:45- 2:45
Room: 255E
Session ID: TU013
Type: Presentation
Difficulty: Beginner
Track: User
Description: From helpful tools to must-search record collections, we’ll demo our top five recent latest additions to Ancestry.com AND tell you where to find them, how to use them plus answer your questions about how to get the most from each. Five isn’t enough for you? Then you’re in luck: we’ve never been good at limiting ourselves either so expect a few bonus newbies, too.

A Report Card for the Genealogy Software Industry

Presenter: Ron Tanner
Date: Friday, February 3, 2012
Time: 1:45-2:45
Room: 355A
Session ID: TU057
Type: Presentation
Difficulty: Intermediate
Track: User
Description: This session will present a genealogical workflow model that represents how genealogy work is done by hobbyists through experts. Then we will discuss how sell the genealogical industry provides features that support the genealogical model through a scoring system. We will explore areas of strengths and weaknesses and areas that are not even addressed. The end result will be a genealogical grade that can be reviewed and improved each year. A proposed score card can be provided where each vendor can examine their products and determine where opportunities are available.

Learning Genealogy Online: So Many Choices, So Little Time

Presenter: Lisa Alzo
Date: Friday, February 3, 2012
Time: 1:45-2:45
Room: 255F
Session ID: TU040
Type: Presentation
Difficulty: Beginner
Track: User
Description: This session will review the plethora of online genealogy education opportunities available and how to select the one that fits your needs.

Implementation of a REST API for the New FamilySearch Family Tree

Presenter: Sam Fletcher
Date: Friday, February 3, 2012
Time: 1:45-2:45
Room: 255A
Session ID: TD024
Type: Presentation
Difficulty: Intermediate
Track: Developer
Description: FamilySearch.org engineering has been developing new open-edit and source-centric REST APIs for the Family Tree. This session will preview the new APIs which include methods for manipulating conclusions on person records and relationship records, attaching and detaching sources, manipulating change histories and retrieving pedigrees.
Use Adobe Creative Suite to Self-publish Your Family History Book

Presenter: Nancy Barnes
Date: Friday, February 3, 2012
Time: 1:45- 2:45
Room: 255B
Session ID: TU073
Type: Presentation
Difficulty: Intermediate
Track: User

3:00-4:00 pm

Advertising Revenue Model

Presenter: Joshua R. Iverson
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 355D
Session ID: TD006
Type: Presentation
Difficulty: All
Track: Developer
Description: Funding your website or application using banner/text/email advertising.

What Does it Take to Get a Good Result? The Inner-Workings of the Ancestry.com Search Engine

Presenter: John Bacus
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 255F
Session ID: TU034
Type: Presentation
Difficulty: Beginner
Track: User
Description: Get ready to rev that search engine™ you’ll learn just how search at Ancestry.com works AND get an inside view of tricks you’ll need to take full advantage of its power. John Bacus, Ancestry.com Search Product Manager, walks you through the tech side and presents you with plenty of tips, advice and even a few workarounds. All of which will help you make your next search at Ancestry.com more effective, productive and better than ever.

Google Toolbar and Genealogy

Presenter: David Barney
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 155
Session ID: TU018
Type: Presentation
Difficulty: Intermediate
Track: User
Description: Learn about Google’s recent efforts to improve genealogical research on the web beyond what has been traditionally offered. Google has long offered a wealth of information to assist in genealogical research. Recent efforts at Google are simplifying this process and making the information even more valuable.

Collaborating with Mom via P2P
Presenter: Trent Larson, PhD
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 257
Session ID: TD030
Type: Presentation
Difficulty: Beginner
Track: Developer
Description: You can use websites, but it’s also fun to share histories and genealogy trees directly with family, friends, and strangers.
We’ll discuss the choices, work flow, tools, and future work that will let us connect without a central server and without getting lost.

Wielding the Electronic Gavel: Managing Genealogical Discussion Forums
Presenter: Drew Smith, MLS
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 255E
Session ID: TU023
Type: Presentation
Difficulty: Intermediate
Track: User
Description: Genealogy-oriented message boards and mailing lists bring with them issues of discussion management. This session will cover common forum management problems and will suggest effective solutions. Attendees will be encouraged to share their own experiences, and the need for better technological solutions will be discussed.

Taking Your Family History Electronic - Creating Your Own Amazing Ebook
Presenter: Luana Darby, B.A.
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 255B
Session ID: TU045
Type: Presentation
Difficulty: Intermediate
Track: User
Description: Bring your family or personal history into the 21st century. Be the creator of your very own eBook and read it tonight on your iPad or iPhone. Using Sigil, a free open source software program, and a few publication tricks you will be up and running in no time.

Creating Performant and Maintainable Large JavaScript Applications
Presenter: Brian Pugh
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 259
Session ID: TD032
Is it possible to build very large, rich web applications using JavaScript, HTML and CSS without sacrificing all hopes of performance, maintainability and sanity? Yes! This session will cover tools and techniques used to build LucidChart, a full featured diagramming web application (think Visio on the web) that does not require browser plugins. The focus will be on Google Closure Tools. Keeping a code-base maintainable when there are hundreds of thousands of lines of JavaScript can be a challenge, but there are now great tools and techniques that make it not only possible but relatively straightforward.

Family History and Gamification
Presenter: Chris van der Kuyl
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 255D
Session ID: TD051
Type: Presentation
Difficulty: All
Track: Developer
Description: Family History and Gamification

FGS Society Leadership Brainstorm
Presenter: Randy Whited
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 355A
Session ID: TU068
Type: Panel or Discussion
Difficulty: All
Track: User
Description: Join us for a brainstorming session on how to make our societies more relevant, have an engaged membership and how to give back to the genealogical community.

An Open-source Similar-name Finder
Presenter: Dallan Quass, PhD
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 255A
Session ID: TD046
Type: Presentation
Difficulty: Intermediate
Track: Developer
Description: This talk describes an open-source similar-name finder that returns a list of similar names to include in searches whenever a particular name is searched. It is a better name-matcher than Soundex.

Genealogist’s Viewpoint -- Copyright Law for Genealogists
Presenter: James L. Tanner M.A. J.D.
Date: Friday, February 3, 2012
Time: 3:00- 4:00
Room: 255C
Session ID: TU029
James Tanner, a trial attorney, will cover the development of copyright law in the U.S. His topics include the definition of original and derivative works, copies, the duration and other issues of copyright coverage. He will address who can claim copyright? What works are protected? How long does protection last?

Agenda Saturday, February 4

9:45-10:45 am

Event Driven Web Applications with Node.js
Presenter: Stephen Lynn
Date: Saturday, February 4, 2012
Time: 9:45-10:45
Room: 259
Session ID: TD058
Type: Presentation
Difficulty: All
Track: Developer
Description: Node.js is one of the most popular new frameworks on the web for building web applications and is growing fast. This presentation will go beyond the standard “intro to node.js” dems and help attendees discover how event driven web applications work, what it takes to build a real web application using Node.js, and what libraries are available to make development easier.

Advocating Genealogy and Growing the Market: Issues of the New Genealogist
Presenter: Janet Hovorka, MLIS
Date: Saturday, February 4, 2012
Time: 9:45-10:45
Room: 255D
Session ID: TU031
Type: Presentation
Difficulty: Beginner
Track: User
Description: Sometimes the collision of new, seasoned, and professional genealogists can make each of the parties uncomfortable. Please join us for a discussion about the barriers in the genealogy community for the new user and how the community can embrace the differences between different levels of genealogists. We can figure out together how to work in harmony to make the genealogy hobby attractive and effectively collaborate to find our common roots.

loc.gov: Using Our Nation’s Library Online
Presenter: Laura G. Prescott
Date: Saturday, February 4, 2012
Time: 9:45-10:45
Room: 255F
Session ID: TU037
Type: Presentation
Difficulty: Beginner
Track: User
Description: Explore one of the most rewarding, yet overlooked, online resources: The Library of Congress, loc.gov. Find hidden treasures like maps, diaries, books, manuscripts, and photos, all within your nation’s library. Learn effective search and navigation techniques, then add a dimension of social history to your research with your discoveries.

**Public Cloud vs. Private Cloud**

Presenter: Larry Beck  
Date: Saturday, February 4, 2012  
Time: 9:45-10:45  
Room: 260  
Session ID: TD060  
Type: Presentation  
Difficulty: All  
Track: Developer  
Description: We will discuss the value that Azure public cloud has in a developer’s environment and the need to also balance with a private cloud environment.

**Is Your Ancestor Hiding in This Photograph? New Family History Revelations**

Presenter: Patricia Moseley Van Skaik  
Date: Saturday, February 4, 2012  
Time: 9:45-10:45  
Room: 255B  
Session ID: TU051  
Type: Presentation  
Difficulty: Intermediate  
Track: User  
Description: Since last year’s RootsTech Distinguished Presenter introduced Cincinnati’s 1848 Panorama photograph and its corresponding high-resolution images, genealogists have found new evidence of their ancestors, which they linked to documentary research. Discover the fascinating family and ethnic histories as multiple formats merge into one.

**Modeling Messy Metadata with MarkLogic**

Presenter: Fernando Mesa  
Date: Saturday, February 4, 2012  
Time: 9:45-9:45  
Room: 255C  
Session ID: TD057  
Type: Presentation  
Difficulty: Intermediate  
Track: Developer  
Description: Real-world metadata is hard to model. It’s messy, irregular, and often unpredictable. Metadata about people is among the hardest things to model, because people are more complex than just about anything else. This talk explains how the MarkLogic database tackles messy problems like these and how it’s possible to store, query, and analyze messy metadata without pulling your hair out. MarkLogic doesn’t actually have a lot of experience modeling genealogical data. Rather our experience in modeling people comes from working with the intelligence community, where we’re used for identifying and tracking potential terrorist suspects. We’re presenting here in the belief that many of the same technical techniques apply. If nothing else, your ancestors aren’t actively trying to thwart your efforts to find them.

**PHP and MySQL: A Powerful Combination for Presenting Data**

Presenter: Amy Johnson Crow, MLIS, CG  
Date: Saturday, February 4, 2012
PHP and MySQL are two powerful open-source tools for presenting data online. Learn the basics of this dynamic duo and see how they can be used for presenting searchable databases, authenticating users, and even controlling the look and feel of a site. Real-life examples will be shown.

**Web Analytics: Measure and Improve**

**Presenters:** David Crowther, Colin Lewis  
**Date:** Saturday, February 4, 2012  
**Time:** 9:45-10:45  
**Room:** 257  
**Session ID:** TU019  
**Type:** Presentation  
**Difficulty:** Advanced  
**Track:** User  
**Description:** Come learn how to discover actionable insights for your web site using web analytics. Understand what the data is telling you and uncover ways to harness that data to improve visitor experience. Then learn the basics of implementing Google Analytics code and Omniture SiteCatalyst!

**Genealogy Podcasts and Blogs 101**

**Presenter:** Lisa Louise Cooke  
**Date:** Saturday, February 4, 2012  
**Time:** 9:45-10:45  
**Room:** 155  
**Session ID:** TU044  
**Type:** Presentation  
**Difficulty:** Beginner  
**Track:** User  
**Description:** Genealogy podcasts and blogs are the perfect way to pursue your family history no matter where you are. They are packed full of genealogy news, tips, entertainment and interviews with the experts. In this session you will learn how to locate them, subscribe to them for free, and the variety of listening methods. You will be up and running in one session!

**Open Source: Who Owns What Is in Your Head (and Should It Stay There?)**

**Presenter:** Dave McAllister  
**Date:** Saturday, February 4, 2012  
**Time:** 9:45-10:45  
**Room:** 255A  
**Session ID:** TD035  
**Type:** Presentation  
**Difficulty:** Beginner  
**Track:** Developer  
**Description:** So you’ve developed a cool application that everyone should use. And like most developers, you’d like to make it open source. Open source development is currently a driving force for development of new products, delivery of new concepts and sharing of just plain cool stuff. Let’s talk about the concepts of open source, from license choice to governance
models, from “free” to commercial. We’ll cover the basics of making the decisions on your choice of license, discuss potential Intellectual Property Rights issues, and delve into what it means for your chance to sell your application.

The FamilySearch Wiki as Social Media

Presenter: Lise Embley
Date: Saturday, February 4, 2012
Time: 9:45-10:45
Room: 258
Session ID: TW002
Type: Hands-on Workshop
Difficulty: Intermediate
Track: User
Pre-registration is required to attend this Hands-on Workshop.
Description: Experience the power of “social” in “social media” as you learn to use the FamilySearch wiki to edit articles, create your own user page, collaborate with other contributors, watch articles that interest you, and share your favorites using Facebook, Twitter and e-mail.

Phonetic Matching: An Alternative to Soundex with Fewer False Hits

Presenter: Stephen P. Morse, PhD
Date: Saturday, February 4, 2012
Time: 9:45-10:45
Room: 355D
Session ID: TD028
Type: Presentation
Difficulty: Advanced
Track: User or Developer
Description: Searching for names in large databases containing spelling variations has always been a problem. Soundex is one solution, but results in too many false hits. Phonetic encoding described here reduces false hits by incorporating rules for determining the language based on the spelling, along with pronunciation rules for common languages.

GeneTech: YDNA Solutions to Common Genealogical Problems

Presenter: Nathan W. Murphy, MA, AG
Date: Saturday, February 4, 2012
Time: 9:45-10:45
Room: 255E
Session ID: TU047
Type: Presentation
Difficulty: Beginner
Track: User
Description: Common genealogical problems, such as migration, surname origins, name changes, non-paternal events, common surnames, and ethnic origin can be solved through the proper application of YDNA testing. Practical case studies, short on jargon, will equip you to make new discoveries about your personal family tree.

11:00 am-12:00 pm

The Semantic Web, RDF, Dublin Core, and FOAF

Presenter: Ryan Heaton
Date: Saturday, February 4, 2012
Time: 11:00-12:00
Room: 355A  
Session ID: TD021  
Type: Presentation  
Difficulty: Intermediate  
Track: Developer  
Description: A look at the semantic web and its core technologies, including RDF, Dublin Core, and FOAF.

**Persistent Identifiers**

Presenter: Rob Lyon  
Date: Saturday, February 4, 2012  
Time: 11:00-12:00  
Room: 257  
Session ID: TD013  
Type: Presentation  
Difficulty: Advanced  
Track: Developer  
Description: A discussion of the need for persistent long-term access of electronic genealogical resources, and what FamilySearch is doing to satisfy this need for their online resources.

**Don’t Do Genealogy Alone**

Presenter: Charles Edmonds  
Date: Saturday, February 4, 2012  
Time: 11:00-12:00  
Room: 255E  
Session ID: TU026  
Type: Presentation  
Difficulty: Intermediate  
Track: User  
Schedule was up-to-date at time of printing and is subject to change.  
Description: For too long, we’ve done all of the difficult genealogical work ourselves. We sit alone in a corner as we type and scan. That was yesterday. Now, collaborative genealogy is coming into its own, and we no longer have to do all of the work ourselves. In this presentation, Grant Brunner, the Community Outreach Manager at Geni.com, will walk you through how projects, discussions, and full two-way collaboration makes the work easier and the data better throughout all of genealogy.

**Refactoring, the Neglected Art**

Presenter: Robert Lee  
Date: Saturday, February 4, 2012  
Time: 11:00-12:00  
Room: 255A  
Session ID: TD019  
Type: Presentation  
Difficulty: Beginner  
Track: Developer  
Description: The rule is “Make it work, then make it right.” Making things work is the primary job of a programmer. But when every project eventually becomes a brittle monolith, where every change introduces ten new bugs, you have to remember there is a place for making it right. Regular refactoring can solve the problem. This presentation will go over the reasons, principles, and strategies for refactoring, and discussions on when and when not to refactor. Perfect code is not the goal, but then neither is un-maintainable code.
Creating Cross-Platform Mobile Apps with Titanium

Presenters: Scott Flinders, Randy Hall, Kevin Willford
Date: Saturday, February 4, 2012
Time: 11:00-12:00
Room: 255B
Session ID: TD050
Type: Presentation
Difficulty: All
Track: Developer
Description: In this session, FamilySearch will discuss why and how it leveraged the Appcelerator Titanium development platform to create a mobile indexing application that runs natively on both iOS and Android platforms. Learn best practices for using Titanium and considerations for when it is and isn’t the best choice.

Everything You Wanted to Know About Fold3

Presenter: Peter Drinkwater
Date: Saturday, February 4, 2012
Time: 11:00-12:00
Room: 255F
Session ID: TU052
Type: Presentation
Difficulty: Beginner
Track: User
Description: Fold3 provides convenient access to US military records, including the stories, photos, and personal documents of the men and women who served. At Fold3, all are invited to come share, discuss, and collaborate on their discoveries with friends, family, and colleagues. The presentation will be an overview for using Fold3.

Future of FamilySearch Family Tree

Presenter: Ron Tanner
Date: Saturday, February 4, 2012
Time: 11:00-12:00
Room: 155
Session ID: TU056
Type: Presentation
Difficulty: Beginner
Track: User
Description: With the changes occurring in FamilySearch, what is the future of new.familysearch.org (the family tree) and how will it fold into the FamilySearch website. How will the family tree be improved to allow users to correct data and make the site the most correct place of sourced genealogical conclusions? How will FamilySearch deal with the current issues around the family tree such as disputes, combining and separating, discussions, getting others to change the data, interacting with record managers and collaboration?

A Dozen Ways to Use Your iPad 2 for Genealogy and Writing

Presenter: Lisa Alzo
Date: Saturday, February 4, 2012
Time: 11:00-12:00
Room: 255C
Session ID: TU042
Type: Presentation
Difficulty: Beginner
Track: User
Description: This session will demonstrate a dozen ways to use your iPad 2 for genealogical research and writing tasks.

**How to do a Webinar**

Presenter: Geoff Rasmussen  
Date: Saturday, February 4, 2012  
Time: 11:00-12:00  
Room: 258  
Session ID: TW009  
Type: Hands-on Workshop  
Difficulty: Beginner  
Track: User  

Pre-registration is required to attend this Hands-on Workshop.  
Description: If you or your society is considering doing webinars for your members, learn about the basics of what it takes, how much it costs, what technology is needed, and more. In this workshop, students will see the entire process from both the organizer and the attendees’ point of view. Here is your time to get your questions answered by one of the industry’s pioneers in webinar technology.

**Introducing the FamilySearch Indexing & Linking Tool**

Presenter: Grant Echols  
Date: Saturday, February 4, 2012  
Time: 11:00-12:00  
Room: 355D  
Session ID: TU027  
Type: Presentation  
Difficulty: Beginner  
Track: User  

Description: FamilySearch Indexing has branched out to provide a new tool for linking legacy indexes with digital images. This session will present the background of the work being done and give a brief demonstration of the new application.

**H-TREE: A Compact Tree-Visualization Technology**

Presenter: Sean Roylance  
Date: Saturday, February 4, 2012  
Time: 11:00-12:00  
Room: 255D  
Session ID: TD044  
Type: Presentation  
Difficulty: All  
Track: Developer  

Description: The H-Tree technology is a new, efficient tree visualization technique that maximizes the number of ancestors that can be viewed in a rectangular area. Given a well-balanced tree, the H-Tree offers improvements over traditional pedigree charts, fan charts, and other charts in the number of generations and the number of ancestors that can be displayed on a computer screen, a printed sheet of paper, and on wall charts. Come see how 8 generations of ancestors can be reasonably printed on an 8 ½” by 11” sheet of paper.

1:45-2:45 pm

**Self Publish Your MS Word Book Like a Pro**

Presenters: Nancy Barnes, Biff Barnes
**Building an Open Source Genealogical Search Engine with Apache Solr**

Presenter: Brooke Schreier Ganz  
Date: Saturday, February 4, 2012  
Time: 1:45- 2:45  
Room: 257  
Session ID: TD004  
Type: Presentation  
Difficulty: Intermediate  
Track: Developer  

Description: Learn how to configure the open source search platform Apache Solr to create an extremely powerful -- and free! -- "genealogy search engine in a box". We'll explore how to index a variety of record types stored in different data formats, and pull them all together into one comprehensive search engine, rather than multiple separate databases.

**Inspiring Ways to Capture the Interest of the Non-Genealogists in Your Life**

Presenter: Lisa Louise Cooke  
Date: Saturday, February 4, 2012  
Time: 1:45- 2:45  
Room: 255F  
Session ID: TU043  
Type: Presentation  
Difficulty: Intermediate  
Track: User  

Description: Don’t just collect family history and store it away in binders and files because you think no one cares! Learn low and high tech ways to capture the imagination of your non-historian friends and relatives, while honoring your ancestors. The joy in genealogy isn’t just climbing your family tree, but building bonds with current and future generations, and this class will show you how. You are guaranteed to be inspired!

**Privacy in a Collaborative Environment**

Presenter: Noah Tutak  
Date: Saturday, February 4, 2012  
Time: 1:45- 2:45  
Room: 155  
Session ID: TU048  
Type: Presentation  
Difficulty: Beginner  
Track: User or Developer
Description: When we work together on genealogy, we’re no longer are constrained to “My tree” or “Your tree.” Suddenly, we’re all working on “Our tree.” In this presentation, Noah Tutak, CEO of Geni.com, will explain how to properly handle private and public data in a collaborative genealogical environment.

Top 10 Data Issues in new FamilySearch and How to Avoid Them

Presenters: Amanda Terry, M.A., M.Ed. (in progress), Merisa Robbins
Date: Saturday, February 4, 2012
Time: 1:45- 2:45
Room: 255C
Session ID: TU003
Type: Presentation
Difficulty: Intermediate
Track: User

Description: New FamilySearch is truly a miracle. However, because it’s a consolidation of multiple record repositories, data issues exist. What are they? Can I fix them and avoid them? What ‘best practices’ can help me successfully utilize new FamilySearch? Answers to these questions and more will be shared at informative class.

How to Succeed as a Development Entrepreneur

Presenter: Tim Shadel
Date: Saturday, February 4, 2012
Time: 1:45- 2:45
Room: 259
Session ID: TD036
Type: Presentation
Difficulty: All
Track: Developer
Description: How to Succeed as a Development Entrepreneur

One-Step Webpages: A Potpourri of Genealogical Search Tools

Presenter: Stephen P. Morse, PhD
Date: Saturday, February 4, 2012
Time: 1:45- 2:45
Room: 355A
Session ID: TU061
Type: Presentation
Difficulty: Intermediate
Track: User

Description: The One-Step website began as an aid for searching the Ellis Island database. It was then expanded to help search the 1930 census. It continued to evolve and today includes about 200 web-based tools divided into 16 categories ranging from genealogical searches to astronomical calculations to last-minute bidding on eBay.

Lassie! Go for Free Genealogy Help!

Presenter: The Ancestry Insider
Date: Saturday, February 4, 2012
Time: 1:45- 2:45
Room: 255E
Session ID: TU006
Type: Presentation
Difficulty: Beginner
Track: User
Description: When you start seeking your roots, you join a community renowned for helping one another. You will be amazed how often total strangers will happily render assistance. After attending this class you will know where to go, online and off, for free help.

**FamilySearch Web Architecture**

Presenter: Timothy Stokes, Applications Architect  
Date: Saturday, February 4, 2012  
Time: 1:45-2:45  
Room: 255D  
Session ID: TD029  
Type: Presentation  
Difficulty: Beginner  
Track: Developer  

Description: This session will describe the architecture of FamilySearch and provide insights into how various challenges have been met such as deployment to the cloud using Lasic, publishing and storage of record collections, performance, and permanent URLs.

**Geo-caching for Ancestors: Using Smartphones & GPS to Crowdsource Cemetery Data Collection**

Presenters: Rob Moncur - BillionGraves Development, Curtis Tirrell  
Date: Saturday, February 4, 2012  
Time: 1:45-2:45  
Room: 255B  
Session ID: TU054  
Type: Presentation  
Difficulty: Advanced  
Track: User  

Description: GPS-enabled smartphones allow genealogists to collect records with verified locations; BillionGraves uses this technology. Web, iOS, and Android developers created a process to geo-map headstone photos. Photos collected with a mobile app upload to a website where they are transcribed. This process maps entire cemeteries much easier than earlier processes.

**Software Forecast 2.0: What Genealogists Need for the Future**

Presenter: D. Joshua Taylor, MA, MLS  
Date: Saturday, February 4, 2012  
Time: 1:45-2:45  
Room: 355D  
Session ID: TD005  
Type: Presentation  
Difficulty: Beginner  
Track: Developer  

Description: At last year’s RootsTech conference “Software Forecast” presented a full list of software, plug-ins, and other tools needed for genealogists. How far have we come? Explore solutions developed over the past year, issues that remain unresolved, and a new set of needs for the future during this year’s software forecast.

**Reputation Systems for Genealogy**

Presenter: Jimmy Zimmerman  
Date: Saturday, February 4, 2012  
Time: 1:45-2:45  
Room: 255A  
Session ID: TD009
Reputation is common in our everyday web experience. For example, we “Like” all kinds of things; and we shop for products with 4 or 5 stars. Discover the benefits of reputation; common models for creating reputation; motivations for using specific reputation models; and examples of successful reputation systems.

**ASL Translated Sessions**

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<td>8:30 -10</td>
<td>Keynote Address – Jay Verkler - Room 155</td>
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<td>11-Noon</td>
<td>How Lexmark and FamilySearch are working together to scan… Room 255A</td>
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<td>11-Noon</td>
<td>Mining Newspaper Archives - Room 355B</td>
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<td>1:45-2:45</td>
<td>Using Advanced Photographic Techniques to Recover Content- Room 255A</td>
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<td>3-4</td>
<td>Help Index the 1940 Census – Room 258</td>
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<td>3-4</td>
<td>The power of Evernote: Photo’s, URL’s, Censuses, etc. – Room 255B</td>
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<td>4:15-5:15</td>
<td>The Family Graph API by My Heritage.com – Room 355D</td>
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<td>4:15-5:15</td>
<td>Loops, Dups, and Oops, Oh, My! New FamilySearch and Ancestral Rel.–Room 255F</td>
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<td><strong>Friday</strong></td>
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<td>8:30 – 9:30</td>
<td>Keynote Address – Josh Coates- Room 155</td>
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<td>9:45-10:45</td>
<td>9:45-10:45 Supercharge the Experience with HTML5 and Alax – Room 355D</td>
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<td>9:45-10:45</td>
<td>Genealogy internet Gems – Room 255F</td>
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<td>11-Noon</td>
<td>Database Design 101 – Room 355A</td>
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<td>11-Noon</td>
<td>Telling Stories: Transforming the Bare Facts of Genealogy…. – Room 255C</td>
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<td>1:45-2:45</td>
<td>5 New Things to Try at Ancestry.com</td>
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<td>1:45-2:45</td>
<td>Genealogical Uses for QR Codes</td>
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<td>Google’s Efforts to Improve Genealogy Research</td>
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<td>3-4</td>
<td>Genealogist’s Viewpoint- Copyright Law for Genealogists</td>
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<td>Keynote Address – Ancestry.com Panel</td>
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<td>9:45-10:45</td>
<td>Is Your Ancestor Hiding in this Photograph?</td>
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<td>Web Analytics: Measure and Improve</td>
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<td>11-Noon</td>
<td>Everything You Wanted to know About Fold3</td>
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<td>11-Noon</td>
<td>A Dozen Ways to use Your iPad 2 for Genealogy</td>
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<td>1:45-2:45</td>
<td>Top 10 Data Issues in the New FamilySearch and How To…</td>
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<td>1:45-2:45</td>
<td>Self Publish Your MS Word Book Like a Pro</td>
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**Family History Technology Workshop**

Sponsored by Brigham Young University

**INTRODUCTION**

The Family History Technology Workshop ([http://fht.byu.edu](http://fht.byu.edu)) will enjoy its second year as part of RootsTech, bringing together researchers, developers, and users with emerging technology. The workshop will include a keynote speaker, technical presentations, demos, and, for the first time, a Developer Challenge. Presentations and demos will focus on enabling technologies and solutions to problems that impact family history and genealogical research work.

**WHO SHOULD ATTEND**

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 are invited.
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<tr>
<td>9:45-10:50</td>
<td>SESSION #1: Enhancing Genealogical Search</td>
<td>Session Chair: Sue Dintleman (Pleides)</td>
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<td>Welcome and Logistics</td>
<td>William Barrett, General Chair</td>
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<td>Date Range Propagation in Genealogical Databases</td>
<td>Randy Wilson</td>
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<td>Information Extraction from Historical Semi-Structured Handwritten Documents</td>
<td>X. Peng, H. Cao, K. Subramanian, R. Prasad, P. Natarajan</td>
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<td>10:50-11:00</td>
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<td>11:00-12:00</td>
<td>SESSION #2: Auto-handling of Historical Images</td>
<td>Session Chair: Jack Reese (Ancestry)</td>
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<tr>
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<td>An efficient method for extracting family records from mixed-type forms</td>
<td>X. Peng, H. Cao, K. Subramanian, R. Prasad, P. Natarajan</td>
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<td>Lessons Learned in Automatically Detecting Lists in OCRed Historical Documents</td>
<td>T. Packer, D. Embley</td>
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<td>12:00 - 1:00</td>
<td>Lunch Break and Demo/Poster Set-up</td>
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<td>1:00-1:50</td>
<td>SESSION #3: Demonstrations and Poster Sessions</td>
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<td>Accepted Posters:</td>
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<td>The Coming Web of Genealogical Data</td>
<td>J. Hansen</td>
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<td>Time</td>
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<td>1:50-2:00</td>
<td>Break and Poster/Demo Take-down</td>
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<td>2:00-2:50</td>
<td>Afternoon Welcome</td>
<td>William Barrett, General Chair</td>
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<td>2:00-2:50</td>
<td>PLENARY SESSION: BACK TO THE FUTURE</td>
<td>George Nagy Professor Emeritus, DocLabs, RPI</td>
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<td></td>
<td>Abstract: Nearly one hundred years after the invention of OCR, why is it still so difficult to convert some documents to a symbolic, electronic format? I discuss some of the factors that affect the conversion of printed, hand-printed, and handwritten documents. I present three problems that, if solved, would advance significantly the conversion of near-contemporary and cultural-heritage documents: 1. automated, domain-specific feature design, 2. integrated segmentation and classification, and 3. green interaction.</td>
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<td>3:00-4:00</td>
<td>SESSION #4: Annotation and Acquisition of New Genealogical Data</td>
<td>Session Chair: Rohit Prasad (BBN)</td>
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<td>4:15-5:30</td>
<td>SESSION #5: Improving Genealogist Experience</td>
<td>Session Chair: Doran Wilde (BYU)</td>
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<td>The 20-Minute Genealogist: Assisting Family History</td>
<td>D. Zappala, C. Knutson</td>
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