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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: Caprese salad with greens, sliced roma tomatoes, shredded mozzarella & herbed croutons; BBQ beef brisket with rosemary garlic smashed new potatoes & spring vegetables; strawberry tiramisu served over penne pasta topped with roasted tomato vinaigrette; asiago crusted chicken breast (lightly breaded) shredded mozzarella & herbed croutons with basil

• 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 - 355F/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.
Schedule was up-to-date at time of printing and is subject to change.

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<thead>
<tr>
<th>THURSDAY FEB. 2</th>
<th>FRIDAY FEB. 3</th>
<th>SATURDAY FEB. 4</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Registration Open: 7am–6pm (Foyer by Rooms 257–260)</td>
<td>Registration Open: 7am–6pm (Foyer by Rooms 257–260)</td>
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<tr>
<td>7:30</td>
<td>General Session / Keynote (Room 155)</td>
<td>General Session / Keynote (Room 155)</td>
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<tr>
<td>8:00</td>
<td>Lunch</td>
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<tr>
<td>8:30</td>
<td>Exhibit Hall Open: 10am–5pm Sessions: 11am–12pm Demo Theater: 10:30am–3pm</td>
<td>Exhibit Hall Open: 9:30am–5pm Sessions: 9:45am–12pm Demo Theater: 10:30am–3pm</td>
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<tr>
<td>9:00</td>
<td>Unconferencing: 12pm–1:45pm (Rooms 257, 259 &amp; 260)</td>
<td>Unconferencing: 12pm–1:45pm (Rooms 257, 259 &amp; 260)</td>
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<tr>
<td>9:30</td>
<td>Sessions: 1:45–5:15pm</td>
<td>Sessions: 1:45–4pm</td>
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<tr>
<td>10:00</td>
<td>Ticketed Evening Event:</td>
<td>Exhibit Hall Closed</td>
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<tr>
<td>10:30</td>
<td>Exhibit Hall Reception and Comedian Ryan Hamilton (Expo Hall and Room 155)</td>
<td>exhibit Hall Closed</td>
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<tr>
<td>11:00</td>
<td>Lunch</td>
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<tr>
<td>11:30</td>
<td>Lightning Talks: 12pm–12:45pm (Demo Theater) Unconferencing: 4:15pm–5:15pm (Rooms 259 &amp; 260)</td>
<td>Lightning Talks: 12pm–12:45pm (Demo Theater) Unconferencing: 12pm–1:45pm (Rooms 257, 259 &amp; 260)</td>
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<td>12:00 pm</td>
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<tr>
<td>12:30</td>
<td>Session: 1:45–5:15pm</td>
<td>Unconferencing: 4:15pm–5:15pm (Rooms 259 &amp; 260)</td>
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<tr>
<td>1:00</td>
<td>Panel Discussion “Family Media” 4:15pm–5:45pm (Room 257)</td>
<td>Panel Discussion “Meta Data” 4:15pm–5:45pm (Room 257)</td>
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<td>1:30</td>
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<tr>
<td>2:30</td>
<td>Ticketed Evening Event:</td>
<td>Late Night at the Library:</td>
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<tr>
<td>3:00</td>
<td>Exhibit Hall Closed</td>
<td>Exhibits and Bytes Classes at 7pm and 8:30pm Extended hours (Family History Library)</td>
</tr>
<tr>
<td>3:30</td>
<td>Sponsored by bright solid</td>
<td>Exhibits and Bytes Classes at 7pm and 8:30pm Extended hours (Family History Library)</td>
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Registration is also open on Wednesday Feb. 1, from 5–8pm.
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February 2-4, 2012
Salt Palace Convention Center
Salt Lake City Utah
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<td>National Institute for Genealogical Studies</td>
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<td>New England Historic Genealogical Society</td>
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<td>StoryKeep</td>
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<td>The MagiKey</td>
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<td>WikiTree</td>
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<tr>
<td>YouWho</td>
<td>230, 231, 232, 233, 234, 235, 236, 237, 238, 239</td>
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</table>
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 five 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 on-ruby.blogspot.com) will be the master of ceremonies.

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Exhibitor</th>
<th>Presentation</th>
</tr>
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<tbody>
<tr>
<td>10:30 AM</td>
<td>SAVVIS</td>
<td>Virtual Private Data Center—The Production-Grade Cloud for Genealogy Practitioners and Developers</td>
</tr>
<tr>
<td>11:00</td>
<td>Memory Medallion</td>
<td>Sharing Family History from the Grave Site</td>
</tr>
<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 five minute individual presentations</td>
</tr>
<tr>
<td>1:00</td>
<td>Fold3</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>
</tr>
<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 Mobile</td>
<td>Wireless Communication with Flip-Pal Mobile Scanner</td>
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## FRIDAY FEBRUARY 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Exhibitor</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 AM</td>
<td>GenealogyBank</td>
<td>Newspapers: Finding the Details about your Family</td>
</tr>
<tr>
<td>11:00</td>
<td>RootsMagic</td>
<td>What's New in RootsMagic 5</td>
</tr>
<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 five 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>
</tr>
<tr>
<td>2:30</td>
<td>FamilySearch</td>
<td>Mollie Shutt on FamilySearch Tech Tips</td>
</tr>
</tbody>
</table>

## SATURDAY FEBRUARY 4

<table>
<thead>
<tr>
<th>Time</th>
<th>Exhibitor</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<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>
</tr>
<tr>
<td>11:30</td>
<td>LifeStory Productions</td>
<td>Organize, Find, and Share Pictures and Family History</td>
</tr>
</tbody>
</table>
Jay Verkler
Inventing the Future, as a Community
Thursday, 8:30am Room 155

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., 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.

Josh Coates
Exabyte Social Clouds and Other Monstrosities
Friday, 8:30am Room 155

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.
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

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

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.

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.

Ken Chahine  
Senior Vice President and General Manager, DNA
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.

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.
# ABBREVIATED AGENDA

**Thursday, February 2, 2012**

**Jay Verkler**  
**Inventing the Future, as a Community**  
8:30am - 10am; Room 155

<table>
<thead>
<tr>
<th>Time</th>
<th>Class Offerings</th>
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</table>
| 8:30am    | **How Lexmark and FamilySearch are Working Together to Scan, Route, ...**  
**Tim Rowland**  
*User; All; Rm. 255E*  
Using WikiTree to Collaborate with Your Non-genealogist Family  
**Chris Whitten**  
*User; Beginner; Rm. 255F*  
A Genealogical Society Using Social Media  
**Torill Johnsen**  
*User; Beginner; Rm. 255B*  
Top 10 Security Threats and How to Minimize Them  
**Michael Buck**  
*Developer; Beginner; Rm. 259*  
Using Event Driven Architecture in the Real-Time Web  
**Phil Windley**  
*Developer; Intermediate; Rm. 257*  
IBM InfoSphere Identity Insight Deep Dive  
**Elliott Aten**  
*Developer; All; Rm. 355A*  
**Federation of Genealogical Societies (FGS) Lunch - 355B/C**  
**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.  
**E-Learning Software and Authoring Tools for Genealogical Education**  
**J. Mark Lowe**  
*User; Beginner; Rm. 255E*  
**RootsTech Genealogy Idol**  
**Geoff Rasmussen**  
*User; Beginner; Rm. 255B*  
**YouTube Your Family History**  
**Devin Ashby**  
*User; Intermediate; Rm. 255F*  
**Using Android Devices for Genealogy and Family History**  
**David Lifferth**  
*User; Intermediate; Rm. 255D*  
**Genealogical and Ancestral Applications of the Paternally-...**  
**Scott R. Woodward**  
*User; Advanced; Rm. 255C*  
**Effective Database Search Tactics**  
**Kory Meyerink**  
*User; Intermediate; Rm. 155*  
**Using Advanced Photographic Techniques to Recover Content from ...**  
**Jack Reese**  
*User; Advanced; Rm. 255A*  
**The NoSQL Landscape, Graph DBs, and a Look at Neo4J**  
**Jason Daniels & James Gates**  
*Developer; All; Rm. 257*  
**Google+ for Genealogists**  
**Drew Smith**  
*User; Beginner; Rm. 258*  
**Lessons Learned from the Facebook Graph API**  
**Tim Shadel**  
*Developer; Beginner; Rm. 355A*  
**Creating the Family Graph**  
**Justin Balthrop**  
*Developer; Beginner; Rm. 259*  
**A New GEDCOM: Tools, Syntax and Semantics**  
**Ryan Heaton**  
*Developer; Beginner; Rm. 355D*  
**The Cloud and its Benefits**  
**Ike Hull**  
*Developer; All; Rm. 260*  
**Creating the Family Graph**  
**Justin Balthrop**  
*Developer; Beginner; Rm. 259*  
**A New GEDCOM: Tools, Syntax and Semantics**  
**Ryan Heaton**  
*Developer; Beginner; Rm. 355D*  
**Do I Trust the Cloud?**  
**D. Joshua Taylor**  
*User; Beginner; Rm. 155*  
**The Rest of the Things You Should Know About HTTP**  
**Tim Stokes**  
*Developer; All; Rm. 260*  
***How to Create an Exciting Interactive Family History Story Tour with ...**  
**Lisa Louise Cooke**  
*User; Intermediate; Rm. 258*  
**IBM InfoSphere Identity Insight Deep Dive**  
**Elliott Aten**  
*Developer; All; Rm. 355A*  
**Creating the Family Graph**  
**Justin Balthrop**  
*Developer; Beginner; Rm. 259*  
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**Ryan Heaton**  
*Developer; Beginner; Rm. 355D*
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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
<th>Level</th>
<th>Room</th>
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<tbody>
<tr>
<td>3:00-4:00</td>
<td>To Pay or Not To Pay</td>
<td>Bonnie Raymer Petrovich</td>
<td>User; Beginner</td>
<td>Rm. 255F</td>
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<td></td>
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<td>The Powers of Evernote: Photos, URLs, Censuses, Geo-location, and Stories</td>
<td>Tevya Washburn &amp; Kurt Francom</td>
<td>User; Beginner</td>
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<td>Three Steps Forward, Ten Steps Back: Using Modern Tools to Identify ...</td>
<td>Amy Johnson Crow</td>
<td>User; Intermediate</td>
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<td>Websites: A “How-to” Guide to Website Building</td>
<td>Tevya Washburn &amp; Kurt Francom</td>
<td>User; Beginner</td>
<td>Rm. 255F</td>
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<td>How the England and Wales 1911 Census Was Digitized</td>
<td>Ian Tester</td>
<td>User or Developer; All</td>
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<td>The Importance of APIs in Genealogy</td>
<td>Michael Berkovich</td>
<td>Developer; Beginner</td>
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<td>Creating One-Step Search Tools</td>
<td>Michael Berkovich</td>
<td>Developer</td>
<td>Rm. 255A</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 ...</td>
<td>Thomas MacEntee</td>
<td>User; Intermediate</td>
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<td>An Open Source Place-finder for Genealogy</td>
<td>Michael Buck</td>
<td>User; All</td>
<td>Rm. 255C</td>
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<td>Gamification Basics - Recognizing the Path to User Loyalty</td>
<td>Dave McAllister</td>
<td>Developer; All</td>
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<td>*Help Index the 1940 U.S. Census</td>
<td>Jim Ericson</td>
<td>User; Beginner</td>
<td>Rm. 258</td>
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<tr>
<td>4:15-5:15</td>
<td>Loops, Dups, and Oops, Oh My! New FamilySearch and Ancestral …</td>
<td>Dan Lynch</td>
<td>User; Beginner</td>
<td>Rm. 255E</td>
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<td>Keylene Williams &amp; Janae Lakey</td>
<td>Steve Francia</td>
<td>Developer; All</td>
<td>Rm. 260</td>
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<td>On the Road to Mash-ups: Integrating Data from API Providers</td>
<td>Reed Powell</td>
<td>Developer; Intermediate</td>
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<td></td>
<td>Visualization of Genealogy Data</td>
<td>Mike Miller</td>
<td>User or Developer; Int</td>
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<td>The Family Graph API by MyHeritage.com</td>
<td>*Storing the Family Tree with MongoDB</td>
<td>Steve Francia</td>
<td>Developer; Intermediate</td>
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<td>Tuning SOLR for Enhanced Performance in Searching a …</td>
<td>Boon Low</td>
<td>Developer; Intermediate</td>
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<td>Web of Knowledge for Historical Records</td>
<td>Ronald Cheung &amp; Paul Siu</td>
<td>User; Intermediate</td>
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<td>Barbara Renick</td>
<td>Multi-language, High Volume, High Speed Digitization of Geology Records</td>
<td>Jay Verkler</td>
<td>User or Developer; Int</td>
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<tr>
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<td>User; Intermediate; Rm. 155</td>
<td>The Galaxy Girls - Three Genealogists and Their Android Tablets</td>
<td>Jill Ball</td>
<td>User; Beginner</td>
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<td>5:15-8:00</td>
<td>A Digital Preservation Community, at Scale</td>
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<td>Jay Verkler</td>
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<td>User or Developer; Int; Rm. 260</td>
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<td>*Ticketed Evening Event: Exhibit Hall Reception and Comedian Ryan Hamilton</td>
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<td>(Expo Hall and Room 155)</td>
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<td>Sponsored by brightsolid</td>
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<table>
<thead>
<tr>
<th>Time</th>
<th>Class Offerings</th>
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<tbody>
<tr>
<td>9:45-10:45</td>
<td>Publish Your Genealogy Online</td>
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</table>
|              | Laura Prescott  
|              | User; Intermediate; Rm. 155                                                      |
|              | Family History Technology Workshop (BYU)                                        |
|              | User or Developer; Adv; Rm. 260                                                 |
|              | Genealogy Internet Gems                                                         |
|              | The Ancestry Insider                                                            |
|              | User; Beginner; Rm. 255F                                                        |
|              | New Avenues in Genetic Genealogy                                                |
|              | Jane Buck & Elise Friedman                                                      |
|              | User; Beginner; Rm. 255B                                                        |
|              | A User’s Perspective: Developing a Universal Metadata Structure for …           |
|              | D. Joshua Taylor  
|              | User; Intermediate; Rm. 255C                                                    |
|              | Can You Hear Me Now? Voice Recognition Software and Genealogy                   |
|              | Luana Darby  
|              | User; Intermediate; Rm. 255E                                                    |
|              | Deep Linking and Deeper Linking: How I Get the Most Out of Existing …           |
|              | Stephen Morse  
|              | Developer; Intermediate; Rm. 255A                                               |
|              | Introduction to jQuery and FamilySearch                                          |
|              | Dave Hansen  
|              | Developer; Beginner; Rm. 355A                                                    |
|              | Implementing a Continuous Interaction and Deployment …                          |
|              | Don Stringham  
|              | Developer; Beginner; Rm. 257                                                    |
|              | *Google Search 2012                                                             |
|              | Dan Lynch  
|              | User; All; Rm. 258                                                              |
|              | Supercharge the Experience with HTML5 and Ajax                                   |
|              | Dovy Paukstys  
|              | Developer; All; Rm. 355D                                                        |
|              | Building High-performance Web services with SCALA                                |
|              | Tim Stokes  
|              | Developer; Intermediate; Rm. 259                                                 |
|              | Awesome Family Websites: Record Your Living Family History                      |
|              | Tevya Washburn and Kurt Francom                                                 |
|              | User; Beginner; Rm. 255D                                                        |
| 11:00-12:00  | Telling Stories: Transforming the Bare Facts of Genealogy into the ..            |
|              | Ian Tester  
|              | User; Intermediate; Rm. 255C                                                    |
|              | Using a Blog as Your Online Research Log                                         |
|              | Drew Smith  
|              | User; Beginner; Rm. 255E                                                        |
|              | No More Guessing: Secure Your Computer and Data in 10 Easy Steps                |
|              | Barry J Ewell  
|              | User; Intermediate; Rm. 255F                                                    |
|              | Optimizing Your Site for Search Engines                                         |
|              | Robert Gardner  
|              | Developer; Beginner; Rm. 155                                                    |
|              | Genealogy 2.0: International Panelists Discuss Their Use of Social Media to …   |
|              | Jill Ball, Audrey Collins, Amy Coffin, Lorine McGinnis-Schultze                 |
|              | User; Intermediate; Rm. 255B                                                    |
|              | Tools and Methods for Internationalization of Applications                      |
|              | Aaron Davis  
|              | Developer; Beginner; Rm. 257                                                    |
|              | *Snagit for Genealogists                                                        |
|              | Barbara Renick  
|              | User; Beginner; Rm. 258                                                         |
|              | Database Design 101                                                             |
|              | Amy Johnson Crow  
|              | User; Beginner; Rm. 355A                                                        |
|              | Citation Principles for Tech Creators                                           |
|              | Robert Raymond  
|              | Developer; Beginner; Rm. 255D                                                    |
|              | Developing iOS Applications Using Apple’s Core Data and iCloud …                |
|              | Joshua Proulx  
|              | Developer; Intermediate; Rm. 259                                                 |
|              | Scalable Applications: Handling Big Data on the Public Cloud                    |
|              | Sam Fletcher  
<p>|              | Developer; All; Rm. 355D                                                         |
|              | *National Genealogical Society (NGS) Lunch - 355B/C                             |
|              | “The Perils of Pursuing Pedigrees via Technology” by Barbara Renick and Josh Taylor. |
|              | *Archives.com Lunch - 355E/F                                                     |
|              | “Driving Exponential Growth, User Engagement and Content Delivery Leveraging Massively Scalable Cloud Computing” by Matthew Baird, Inflection CTO |</p>
<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:45-2:45</td>
<td>Genealogists “Go Mobile”</td>
<td>Sandra J Crowley</td>
<td>155</td>
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<tr>
<td></td>
<td>Understanding WordPress</td>
<td>Amy Johnson Crow</td>
<td>255D</td>
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<td>Implementation of a REST API for the new FamilySearch Family Tree</td>
<td>Sam Fletcher</td>
<td>255A</td>
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<td>Use Adobe Creative Suite to Self-publish Your Family History Book</td>
<td>Nancy Barnes</td>
<td>255B</td>
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<td>Genealogical Uses for QR Codes</td>
<td>Thomas MacEntee</td>
<td>255C</td>
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<tr>
<td>3:00-4:00</td>
<td>FGS Society Leadership Brainstorm</td>
<td>Randy Whited</td>
<td>355A</td>
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<td>Genealogist’s Viewpoint: Copyright Law for Genealogians</td>
<td>James L. Tanner</td>
<td>255C</td>
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<td>Collaborating with Mom via P2P</td>
<td>Trent Larson</td>
<td>257</td>
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<td>An Open Source Similar Name Finder</td>
<td>Dallan Quass</td>
<td>255A</td>
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<td>Family History Technology Workshop (BYU)</td>
<td>Luana Darby</td>
<td>255B</td>
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<td>Late Night at the Library: (Family History Library) Spons. by The 1940 US Census Project</td>
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# ABBREVIATED AGENDA

**Saturday, February 4, 2012**

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

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td><strong>9:45-10:45</strong></td>
<td><strong>GeneTech: YDNA Solutions to Common Genealogical Problems</strong></td>
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<tr>
<td><strong>Nathan W. Murphy</strong></td>
<td><strong>User; Beginner; Rm. 255E</strong></td>
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<tr>
<td><strong>Advocating Genealogy and Growing the Market: Issues of the New...</strong></td>
<td><strong>Janet Hovorka</strong></td>
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<tr>
<td><strong>loc.gov: Using Our Nation's Library Online</strong></td>
<td><strong>Laura Prescott</strong></td>
</tr>
<tr>
<td><strong>Is Your Ancestor Hiding in This Photograph: New Family History...</strong></td>
<td><strong>Patricia Moseley Van Skaik</strong></td>
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<tr>
<td><strong>Web Analytics: Measure and Improve</strong></td>
<td><strong>David Crowther &amp; Colin Lewis</strong></td>
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<tr>
<td><strong>Genealogy Podcasts and Blogs 101</strong></td>
<td><strong>Lisa Louise Cooke</strong></td>
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<td><strong>Phonetic Matching: An Alternative to Soundex with Fewer False Hits</strong></td>
<td><strong>Stephen P. Morse</strong></td>
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<tr>
<td><strong>PHP and MySQL: A Powerful Combination for Presenting Data</strong></td>
<td><strong>Amy Johnson Crow</strong></td>
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<tr>
<td><strong>Open Source: Who Owns What Is in Your Head (and Should It Stay There?)</strong></td>
<td><strong>Dave McAllister</strong></td>
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<tr>
<td><strong>Modeling Messy Metadata with MarkLogic</strong></td>
<td><strong>Fernando Mesa</strong></td>
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<tr>
<td><strong>H-TREE: A Compact Tree-Visualization Technology</strong></td>
<td><strong>Sean Roylance</strong></td>
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<tr>
<td><strong>Refactoring, the Neglected Art</strong></td>
<td><strong>Robert Lee</strong></td>
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<tr>
<td><strong>Everything You Wanted to Know About Fold3</strong></td>
<td><strong>Peter Drinkwater</strong></td>
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<tr>
<td><strong>Introducing the FamilySearch Indexing &amp; Linking Tool</strong></td>
<td><strong>Grant Echols</strong></td>
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<tr>
<td><strong>A Dozen Ways to Use Your iPad 2 for Genealogy and Writing</strong></td>
<td><strong>Lisa A. Alzo</strong></td>
</tr>
<tr>
<td><strong>Don’t Do Genealogy Alone</strong></td>
<td><strong>Charles Edmonds</strong></td>
</tr>
<tr>
<td><strong>Creating Cross-platform Mobile Apps with Titanium</strong></td>
<td><strong>Scott Flinders, Randy Hall, Kevin Wilford</strong></td>
</tr>
<tr>
<td><strong>Refactoring, the Neglected Art</strong></td>
<td><strong>Robert Lee</strong></td>
</tr>
<tr>
<td><strong>How To Do a Webinar</strong></td>
<td><strong>Geoff Rasmussen</strong></td>
</tr>
<tr>
<td><strong>Future of FamilySearch Family Tree</strong></td>
<td><strong>Ron Tanner</strong></td>
</tr>
</tbody>
</table>

* = requires pre-registration
**ABBREVIATED AGENDA**

Saturday, February 4, 2012

### 12:00-1:45

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| **12:00-1:45** | **Ancestry.com Lunch - 355B/C**  
**New England Historic Genealogical Society (NEHGS) Lunch - 355E/F**  

### 1:45-2:45

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| **1:45-2:45** | **Lassie! Go for Free Genealogy Help!**  
The Ancestry Insider  
*User*; Beginner; Rm. 255E  
**Inspiring Ways to Capture the Interest of the Non-genealogists in Your Life**  
Lisa Louise Cooke  
*User*; Intermediate; Rm. 255F  
**One-step Web Pages: A Potpourri of Genealogical Search Tools**  
Stephen Morse  
*User*; Intermediate; Rm. 355A |
|            | **Top 10 Data Issues in new FamilySearch and How to Avoid Them**  
Amanda Terry  
Merisa Robbins  
*User*; Intermediate; Rm. 255C  
**Geo-caching for Ancestors: Using Smartphones & GPS to Crowdsource…**  
Rob Moncur  
Curtis Tirrell  
*User*; Advanced; Rm. 255B  
**Privacy in a Collaborative Environment**  
Noah Tutak  
*User* or *Developer*; Beg; Rm. 155 |
|            | **Software Forecast 2.0: What Genealogists Need for the Future**  
D. Joshua Taylor  
*Developer*; Beginner; Rm. 355D  
**Reputation Systems for Genealogy**  
Jimmy Zimmerman  
*Developer*; Beginner; Rm. 255A  
**Building an Open Source Genealogical Search Engine with Apache Solr**  
Brooke Ganz  
*Developer*; Intermediate; Rm. 257 |
|            | **How to Succeed as a Development Entrepreneur**  
Tim Shadel  
*Developer*; All; Rm. 259  
**FamilySearch Web Architecture**  
Tim Stokes  
*Developer*; Beginner; Rm. 255D |

*Requires pre-registration*
<table>
<thead>
<tr>
<th>Time</th>
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<th>Type</th>
<th>Difficulty</th>
<th>Track</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday, February 2</td>
<td>TU060</td>
<td>Presentation</td>
<td>Advanced</td>
<td>User</td>
<td>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.</td>
</tr>
<tr>
<td>Thursday, February 2</td>
<td>TU049</td>
<td>Presentation</td>
<td>All</td>
<td>User</td>
<td>How Lexmark and FamilySearch Are Working Together to Scan, Route, and OCR Family History Documents.</td>
</tr>
<tr>
<td>Thursday, February 2</td>
<td>TU035</td>
<td>Presentation</td>
<td>Beginner</td>
<td>User</td>
<td>How to Create an Exciting Interactive Family History Story Tour with Google Earth.</td>
</tr>
<tr>
<td>Thursday, February 2</td>
<td>TU014</td>
<td>Presentation</td>
<td>Intermediate</td>
<td>User</td>
<td>How I Trust the Cloud?</td>
</tr>
<tr>
<td>Thursday, February 2</td>
<td>TU035</td>
<td>Hands-on Workshop</td>
<td>Intermediate</td>
<td>User</td>
<td>Mining Newspaper Archives</td>
</tr>
</tbody>
</table>

**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**

Description: Pre-registration is required to attend this Hands-on Workshop.

**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
Difficulty: Intermediate
Track: **User**

Description: 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?

Using WikiTree to collaborate with your non-genealogist 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

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.

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.

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 demonstrate 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
A New GEDCOM: Tools, Syntax and Semantics

The Cloud and Its Benefits
Presenter
Ike Hull

Date: Thursday, February 2, 2012
Time: 1:45 - 2:45

Schedule was up-to-date at time of printing and is subject to change.
AGENDA—THURSDAY, FEB 2

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**

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.

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

Description
A survey of the current place-finding tools available through legacy family history center databases. These will be presented, and a comparison will be made of their advantages and drawbacks. A new freely available, web-based place-finder will be presented, demonstrating several of the places that it currently supports.
Difficult: 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.

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.

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 financials at scale, and the importance of working with a community orientation.

Galaxy Girls – Three Genealogists and Their Android Tablets
Presenter

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 or Developer

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
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.
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, and Oops, 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.

Schedule was up-to-date at time of printing and is subject to change.
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  
Difficulty: All  
Track: **User**

Description  
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.

**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: TU062
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

Pre-registration is required to attend this Hands-on Workshop.

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: TW010
Type: Presentation
Difficulty: All
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.

**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.

**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

This class will introduce you to several programs and teach you how to “talk” your way through writing that tough family history.
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.

**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.

**Presenters**
- Audrey Collins
- Amy Coffin, MLIS
- Lorine McGinnis-Schultze

**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-Schultze 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 on-hand 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
Date: Friday, February 3, 2012  
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.

**Friday, February 3  1:45pm-2:45pm**

**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**

Description  
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.

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

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

**Description**

**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

Schedule was up-to-date at time of printing and is subject to change.
Wielding the Electronic Gavel: Managing Genealogical Discussion Forums

*Presenter*
Drew Smith, MLS

*Date*
Friday, February 3, 2012

*Time*
3:00-4:00

*Room*
255E

*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.

Collaborating with Mom via P2P

*Presenter*
Trent Larson, PhD

*Date*
Friday, February 3, 2012

*Time*
3:00-4:00

*Room*
257

*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, workflow, tools, and future work that will let us connect without a central server and without getting lost.

Creating Performant and Maintainable Large JavaScript Applications

*Presenter*
Brian Pugh

*Date*
Friday, February 3, 2012

*Time*
3:00-4:00

*Room*
259

*Description*
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.

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.
Description
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 straight forward.

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: 255A
Session ID: TU029
Type: Panel or Discussion
Difficulty: All
Track: User or Developer

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: TU068
Type: Presentation
Difficulty: Intermediate
Track: User or Developer

Description
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?

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” demos 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  
**Time:** 9:45-10:45  
**Room:** 355A  
**Session ID:** TD002  
**Type:** Presentation  
**Difficulty:** Intermediate  
**Track:** Developer

**Description**
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

**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
Difficult: 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.

**Saturday, February 4   11:00am-12:00pm**

**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
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

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.
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  
Geo 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 8½” by 11” sheet of paper.

Self Publish Your MS Word Book Like a Pro  
Presenters  
Nancy Barnes  
Biff Barnes

Date: Saturday, February 4, 2012  
Time: 1:45- 2:45  
Room: 258  
Session ID: TW004  
Type: Hands-on Workshop  
Difficulty: Intermediate  
Track: User

Pre-registration is required to attend this Hands-on Workshop.

Description  
Learn how to make MS Word work for self publishing. Correct invisible formatting, set up styles and paragraph formats for consistency throughout, and anticipate your printer’s specifications. Photos require special handling to ensure your image resolutions and placements look professional in print. Learn to export and upload PDFs to a printer.
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: 259
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
Type: Presentation
Difficulty: Beginner
Track: Developer

Description
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.

AGENDA

Thursday

8:30-10 Keynote Address – Jay Verkler – Room 155
11-Noon How Lexmark and FamilySearch are working together to scan… Room 255A
11-Noon Mining Newspaper Archives – Room 355B
1:45-2:45 Using Advanced Photographic Techniques to Recover Content – Room 255A
3-4 Help Index the 1940 Census – Room 258
3-4 The power of Evernote: Photo’s, URL’s, Censuses, etc. – Room 255B
4:15-5:15 The Family Graph API by MyHeritage.com – Room 355D
4:15-5:15 Loops, Dups, and Oops, Oh, My! New FamilySearch and Ancestral Rel. – Room 255F

Friday

8:30 – 9:30 Keynote Address – Josh Coates – Room 155
9:45-10:45 Supercharge the Experience with HTML5 and Alex – Room 355D
9:45-10:45 Geneology internet Gems – Room 255F
11-Noon Database Design 101 – Room 355A
11-Noon Telling Stories: Transforming the Bare Facts of Geneology… – Room 255C
1:45-2:45 5 New Things to Try at Ancestry.com - Room 155
1:45-2:45 Genealogical Uses for QR Codes – Room 255C
3-4 Google’s Efforts to Improve Genealogy Research – Room 155
3-4 Genealogist’s Viewpoint- Copyright Law for Genealogists – Room 255C

Saturday

8:30-9:30 Keynote Address – Ancestry.com Panel – Room 155
9:45-10:45 Is Your Ancestor Hiding in this Photograph? – Room 255B
9:45-10:45 Web Analytics: Measure and Improve – Room 257
11-Noon Everything You Wanted to know About Fold3 – Room 255F
11-Noon A Dozen Ways to use Your iPad 2 for Genealogy – Room 255C
1:45-2:45 Top 10 Data Issues in the New FamilySearch and How To… - Room 255C
1:45-2:45 Self Publish Your MS Word Book Like a Pro - Room 258
Family History Technology Workshop
Sponsored by Brigham Young University

The Family History Technology Workshop (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.

PROGRAM

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<tr>
<th>Time</th>
<th>Presentations</th>
<th>Chair/Authors/Speakers</th>
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<tr>
<td>9:45-10:50</td>
<td><strong>SESSION #1: Enhancing Genealogical Search</strong></td>
<td>Session Chair: Sue Dintleman (Pleides)</td>
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<td></td>
<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>
<td><strong>SESSION #2: Auto-handling of Historical Images</strong></td>
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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>11:00-12:00</td>
<td><strong>SESSION #3: Demonstrations and Poster Sessions</strong></td>
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<td></td>
<td>Accepted Posters:</td>
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<td></td>
<td>The Coming Web of Genealogical Data</td>
<td>J. Hansen</td>
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<td>Genealogy, Migration, and the Intertwined Geographies of Personal Pasts</td>
<td>S. Otterson</td>
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<td>Handwriting Recognition of FH documents</td>
<td>D. Kennard, W. Barrett, T. Sederberg</td>
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<td>Effective Sharing of Family History Information</td>
<td>S. Woodfield</td>
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<td>Blur Detection for Historical Document Images</td>
<td>B. Baker</td>
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<td>Removing the Noise from Cemetery Headstones</td>
<td>C. Christensen, W. Barrett</td>
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<td>Family History Archives: Research on Permanent Media</td>
<td>B. Lunt</td>
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<td>Extraction of Handwriting in Tabular Document Images</td>
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<td>Controlled Vocabularies</td>
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<td>Genealogy, Microdata, and Search Engines</td>
<td>R. Gardner, D. Barney</td>
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<td>12:00 - 1:00</td>
<td><strong>Lunch Break and Demo/Poster Set-up</strong></td>
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<td>1:00-1:50</td>
<td><strong>SESSION #3: Demonstrations and Poster Sessions</strong></td>
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<td>1:50-2:00</td>
<td><strong>Break and Poster/Demo Take-down</strong></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><strong>PLENARY SESSION: BACK TO THE FUTURE</strong></td>
<td>George Nagy Professor Emeritus, DocLabs, RPI</td>
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<tr>
<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>2:50-3:00</td>
<td>Break</td>
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<td>3:00-4:00</td>
<td><strong>SESSION #4: Annotation and Acquisition of New Genealogical Data</strong></td>
<td>Session Chair: Rohit Prasad (BBN)</td>
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<tr>
<td></td>
<td>Improving Indexing Efficiency and Quality</td>
<td>D. Hansen, J. Gehring, P. Schone, M. Reid</td>
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<td>Extracting information from French obituaries</td>
<td>D. Lonsdale, D. Embley, S. Liddle, J. Park</td>
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<td>A Multilingual Personal Name Treebank to Assist Genealogical Name Processing</td>
<td>P. Schone, S. Davey</td>
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<td>4:00-4:15</td>
<td>Break</td>
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<td>4:15-5:30</td>
<td><strong>SESSION #5: Improving Genealogist Experience</strong></td>
<td>Session Chair: Doran Wilde (BYU)</td>
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<td>Analyzing the Family Tree</td>
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<td>Closing Remarks</td>
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We’ve come a long way.

Ancestry.com has spent more than 15 years developing technology to help you discover, preserve and share your family story. From patented document preservation techniques and cutting-edge search tools to apps for all the latest mobile devices, we’re here to help you with every step of your journey.
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The Association of Professional Genealogists
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