CAR CONFERENCE

MARCH 5-8, 2015

Atlanta

HOST

The Atlanta Journal-Constitution

PRESENTED BY

IRE and NICAR

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WEDNESDAY

1 - 5 PM

IRE Registration
(International Level)

INTERNATIONAL 8-9

Secrets of covering money
(Sponsored by the Donald W. Reynolds National Center for Business Journalism)
2-5 p.m.
(Registration 1:30 p.m.)
Brandon Quester, Arizona Center for Investigative Reporting

DEMO ROOM
INTERNATIONAL 10

Techraking <=10: Bootstrapping the news
(Sponsored by The Center for Investigative Reporting)
1-5 p.m.
Michael Corey, Eric Sagara, and Aaron Williams, The Center for Investigative Reporting

THURSDAY

7:30 AM - 5 PM

Conference Registration and Sales
(International Level)

9 AM - 5 PM

Exhibit Hours

8:30 - 8:50 AM

PANELS
INTERNATIONAL 8-9

Welcome and overview of the conference
Jaimi Dowdell, Mark Horvit, Megan Luther and Alex Richards, IRE/NICAR

9 - 10 AM

INTERNATIONAL 2-3

Key data for investigating universities
(Sponsored by Lumina Foundation)
Sandhya Kambhampati & Anupama Narayanswamy, The Chronicle of Higher Education

INTERNATIONAL 4-5

Investigating caregivers
Robert Benincasa, NPR; Jeff Kelly Lowenstein, Columbia College Chicago

INTERNATIONAL 6-7

Spotlight: Being a reporter when everyone's a journalist and there's data everywhere
Zeynep Tufekci, University of North Carolina at Chapel Hill

INTERNATIONAL 8-9

Getting started: Intro to CAR and the conference
Megan Luther, IRE/NICAR; Ron Nixon, The New York Times; Jill Riepenhoff, The Columbus Dispatch

DEMO ROOM
INTERNATIONAL 10

From words to pictures: Text analysis and visualization
Nicholas Diakopoulos, University of Maryland

THURSDAY

9 - 10 AM

HANDS-ON
M101

Interactive data graphics in Tableau Public
(Hosted by Tableau)
9-10:30 a.m.
(pre-registered attendees only)
Ben Jones, Tableau Software

M102

Intermediate/advanced Python
(pre-registered attendees only)
Jeremy Bowers, The New York Times; Serdar Tumgoren, The Associated Press

M103

Getting started with open-source database manager MySQL
T. Christian Miller, ProPublica

M104

PyCAR - Team A
(pre-registered attendees only)
Chris Keller, KPCC/Southern California Public Radio; Ryan Murphy, The Texas Tribune; Katie Park & Kevin Schaul, The Washington Post

M105

Excel magic (advanced functions)
MaryJo Webster, USA TODAY

M106

PyCAR - Team B
(pre-registered attendees only)
Heather Billings, Northwestern University; Tom Meagher, The Marshall Project; Alex Richards, IRE/NICAR; Eric Sagara, The Center for Investigative Reporting

M107

Twitter tricks and analytics
Doug Haddix, The Ohio State University

M109

Map Camp
(pre-registered attendees only)
David Herzog, IRE/NICAR; Jennifer LaFleur, The Center for Investigative Reporting; Robby Deming & Brian Peterson, Esri

10:10 - 11:10 AM

PANELS
INTERNATIONAL 2-3

The forgotten history of data journalism
Scott Klein, ProPublica

INTERNATIONAL 4-5

Tracking diseases
Gary Baum, The Hollywood Reporter; Daniel Lathrop, The Dallas Morning News; Betsy McKay, The Wall Street Journal

INTERNATIONAL 6-7

Do it once (and only once)
David Eads, NPR; Derek Willis, The New York Times

INTERNATIONAL 8-9

What the hell is R and all the other questions you're afraid to ask
Tisha Thompson, NBC4 Washington; Sisi Wei, ProPublica

DEMO ROOM
INTERNATIONAL 10

Interactives without programming: A new tool for building data-driven, interactive content
Ted Benson, Cloudstitch

THURSDAY

10:10 - 11:10 AM

HANDS-ON
M101 **Advanced design and interaction in Tableau Public (Hosted by Tableau) 11 a.m. - 12:30 p.m. (pre-registered attendees only)**
Jewel Loree, Tableau Software

M102 **Intermediate/advanced Python (pre-registered attendees only) cont'd**

M103 **Excel for business and economics**
Aaron Kessler, The New York Times

M104 **PyCar - Team A (pre-registered attendees only) cont'd**

M105 **Make Photoshop work for you**
Chris Canipe, The Wall Street Journal

M106 **PyCar - Team B (pre-registered attendees only) cont'd**

M107 **Designing database applications to increase page views and ad revenues**
Edward Garcia, Caspio

M109 **Map Camp (pre-registered attendees only) cont'd**

11:20 AM - 12:20 PM

PANELS
INTERNATIONAL 2-3 **Uncovering racial and economic divides using data**
Nikole Hannah-Jones, ProPublica; Tim Henderson, Pew Stateline; David Herzog, IRE/NICAR; Malik Singleton, New York University (moderator)

INTERNATIONAL 4-5 **Data from scratch: When data don't exist**
Ricardo Brom, La Nación, Griff Palmer, The New York Times; Lisa Pickoff-White, KQED Public Radio

INTERNATIONAL 6-7 **Digging deeper with the Web**
Jaimi Dowdell, IRE/NICAR; Amy Roberts, CNN

INTERNATIONAL 8-9 **Spotlight: A conversation with Hanna Wallach – lessons from computational social sciences**
Hanna Wallach, Microsoft Research; Sarah Cohen, The New York Times (moderator)

DEMO ROOM
INTERNATIONAL 10 **Tell stories about your community with real estate data**
Skylar Olsen, Zillow

THURSDAY

11:20 AM - 12:20 PM

HANDS-ON
M102 **Intermediate/advanced Python (pre-registered attendees only) cont'd**

M103 **OpenRefine**
Frederick Kaimann, Advance Digital

M104 **PyCAR - Team A (pre-registered attendees only) cont'd**

M105 **Getting started with Access**
Pam Dempsey, The Midwest Center for Investigative Reporting

M106 **PyCAR - Team B (pre-registered attendees only) cont'd**

M107 **First steps with R**
Annie Waldman, ProPublica

M109 **Map Camp (pre-registered attendees only) cont'd**

12:20 - 2 PM

Lunch on your own

2:10 - 3:10 PM

PANELS
INTERNATIONAL 2-3 **CAR on the beat**
Kate Martin, The News Tribune; Christopher Weaver, The Wall Street Journal; Jennifer Smith Richards, The Columbus Dispatch (moderator)

INTERNATIONAL 4-5 **Make every international story a data story**
Mar Cabra, International Consortium of Investigative Journalists; Eva Constantaras, Internews; Giannina Segnini, Columbia University

INTERNATIONAL 6-7 **Space journalism: Using satellite imagery for data projects**
Brian Jacobs, Knight-Mozilla OpenNews; Lela Prashad, NiJeL; Al Shaw, ProPublica; Derek Watkins, The New York Times

INTERNATIONAL 8-9 **The latest on open records**
Tom Clyde, Kilpatrick Townsend; Jackie Kazil, federal employee; Michael Morisy, MuckRock; Kathleen Johnston, independent journalist (moderator)

DEMO ROOM
INTERNATIONAL 10 **Plotly: Making & sharing beautiful, engaging graphs**
Matt Sundquist, Plotly

THURSDAY

2:10 - 3:10 PM

HANDS-ON

M101 **Intro to data stories in Tableau Public (Hosted by Tableau) 1:30 - 3 p.m. (pre-registered attendees only)**
Andrew Cheung, Tableau Software

M102 **Intermediate/advanced Python (pre-registered attendees only) cont'd**

M103 **Stats: An introduction**
Jeff Kelly Lowenstein, Columbia College Chicago

M104 **PyCAR - Team A (pre-registered attendees only) cont'd**

M105 **Counting and summing with Access**
Andrea Fuller, The Wall Street Journal

M106 **PyCAR - Team B (pre-registered attendees only) cont'd**

M107 **Grabbing data from websites without scraping**
Scott Klein, ProPublica; Michelle Minkoff, The Associated Press

M109 **Map Camp (pre-registered attendees only) cont'd**

3:20 - 4:20 PM

PANELS

INTERNATIONAL 2-3 **Analyzing jobs in your community**
Tyler Dukes, WRAL-Raleigh; David Hiles, Bureau of Labor Statistics; MaryJo Webster, USA TODAY

INTERNATIONAL 4-5 **I screwed up. I survived and you can, too.**
Sarah Cohen, The New York Times; Tom McGinty, The Wall Street Journal; John Perry, The Atlanta Journal-Constitution; Coulter Jones, MedPage Today (moderator)

INTERNATIONAL 6-7 **Humanizing numbers**
Ryan Gabrielson, ProPublica; Nikole Hannah-Jones, ProPublica; Katie Park, The Washington Post; Ron Nixon, The New York Times (moderator)

INTERNATIONAL 8-9 **Data journalism in the university: Making the paradigm shift**
Meredith Broussard, Temple University; Matt Waite, University of Nebraska; Brant Houston, University of Illinois (moderator)

DEMO ROOM

INTERNATIONAL 10 **Bedfellows: Explore the relationships between PAC donors and recipients**
Derek Willis, The New York Times

THURSDAY

3:20 - 4:20 PM

HANDS-ON

M101 **Advanced calculations and analysis in Tableau Public (Hosted by Tableau) 3:30 - 5 p.m. (pre-registered attendees only)**
Tara Walker, Tableau Software

M102 **Intermediate/advanced Python (pre-registered attendees only) cont'd**

M103 **Stats: Basic linear regression**
Holly Hacker, The Dallas Morning News

M104 **PyCAR - Team A (pre-registered attendees only) cont'd**

M105 **Joining tables with Access**
Michael Pell, Reuters

M106 **PyCAR - Team B (pre-registered attendees only) cont'd**

M107 **Import.io: Web scraping without coding**
Andrew Fogg, Import.io

M109 **Map Camp (pre-registered attendees only) cont'd**

4:30 - 5:30 PM

PANELS

INTERNATIONAL 2-3 **Tell me a story I won't forget**
Ellen Gabler, Milwaukee Journal Sentinel; Alan Judd, The Atlanta Journal-Constitution; T. Christian Miller, ProPublica; Maggie Mulvihill, Boston University (moderator)

INTERNATIONAL 4-5 **Teaching data journalism: Your best ideas**
Brant Houston, University of Illinois; MaryJo Webster, USA TODAY (moderators)

INTERNATIONAL 6-7 **Investigating business with data**
Andrea Fuller, The Wall Street Journal; John Schoen, CNBC Digital

INTERNATIONAL 8-9 **Broadcast: Viz, quick hits and the data you need**
Jamie Grey, University of Missouri; Andy Pierrotti, KVUE/ABC Austin; Tisha Thompson, NBC4 Washington; Matt Goldberg, KNBC-Los Angeles (moderator)

DEMO ROOM

INTERNATIONAL 10 **Let's find the open and unsecured**
Espen Sandli, Dagbladet

THURSDAY

4:30 - 5:30 PM

HANDS-ON
M102 **Intermediate/advanced Python (pre-registered attendees only) cont'd**

M103 **Stats: Logistic regression**
David Donald, Investigative Reporting Workshop - American University

M104 **PyCAR - Team A (pre-registered attendees only) cont'd**

M105 **Make the command line work for you**
Liz Lucas, IRE/NICAR

M106 **PyCAR - Team B (pre-registered attendees only) cont'd**

M107 **Building better maps with Leaflet, Mapbox and JavaScript**
Ashlyn Still, The Atlanta Journal-Constitution

M109 **Map Camp (pre-registered attendees only) cont'd**

FRIDAY

7:45 - 8:45 AM

M102 **Mentoring Program networking breakfast Sponsored by the Donald W. Reynolds Journalism Institute**
***Invitation-only event**

8 AM - 5 PM

Conference Registration and Sales

9 AM - 5 PM

Exhibit Hours

9-10 AM

PANELS
INTERNATIONAL 2-3 **The new ecosystem of health care data**
Meghan Hoyer, USA TODAY; Dan Keating, The Washington Post; Charles Ornstein, ProPublica

INTERNATIONAL 4-5 **VR for the NICAR world: Immersive data**
Brian Chirls, POV; Robert Hernandez, University of Southern California-Annenberg; Fergus Pitt, Columbia School of Journalism

INTERNATIONAL 6-7 **The year in CAR**
Megan Luther & Alex Richards, IRE/NICAR

INTERNATIONAL 8-9 **Bridging the developer/journalist gap**
Anthony DeBarros, DocumentCloud/IRE; Maureen Linke, The Associated Press; Chrys Wu, The New York Times

FRIDAY

9-10 AM

DEMO ROOM
INTERNATIONAL 10 **Moonshining: Indexes pack high-proof explanatory power**
Paul Overberg, USA TODAY

HANDS-ON
M101 **GitHub 101: The basics**
Jessica Lord & Anna Wiener, GitHub

M102 **Build your first news app (pre-registered attendees only)**
Ben Welsh, Los Angeles Times; Derek Willis, The New York Times

M103 **Getting started in Excel**
Helena Bengtsson, The Guardian

M104 **Map like a pro with ArcGIS Online**
Robby Deming & Brian Peterson, Esri

M105 **Regular expressions for beginners**
Abraham Hyatt, Circa

M106 **Fusion Tables for beginners**
Kate Martin, The News Tribune

M107 **Useful command line tools for reporters**
Matt Kiefer, Better Government Association

M109 **Amazon cloud basics**
Scott Klein, ProPublica

10:10 - 11:10 AM

PANELS
INTERNATIONAL 2-3 **Visual journalism for tiny news desks**
Kaeti Hinck, Investigative News Network; Jaeah Lee, Mother Jones; Aaron Williams, The Center for Investigative Reporting

INTERNATIONAL 4-5 **Thinking about interactivity**
Trina Chiasson, Infoactive; Mariana Santos, Fusion; Robert Hernandez, University of Southern California-Annenberg (moderator)

INTERNATIONAL 6-7 **Watchdogging public spending**
Joanna Lin, The Center for Investigative Reporting; Mike Maciag, Governing Magazine; Cezary Podkul, ProPublica; Nicole Vap, KUSA/9News Denver (moderator)

INTERNATIONAL 8-9 **Red alert: Tools to automatically generate story leads**
Abe Handler & Tom Thoren, The Lens; Todd Wallack, The Boston Globe

DEMO ROOM
INTERNATIONAL 10 **Introducing Geomancer: Don't let your data be lonely tonight**
Derek Eder, DataMade; Serdar Tumgoren & Troy Thibodeaux, The Associated Press

FRIDAY

10:10 - 11:10 AM

HANDS-ON

M101
How I learned to take command of the command line: A journalist's guide to getting started
Chris Keller, KPCC/Southern California Public Radio; AJ Vicens, Mother Jones

M102
Build your first news app (pre-registered attendees only) cont'd

M103
Using formulas in Excel
John Schoen, CNBC Digital

M104
Making timelines
Lena Groeger, ProPublica

M105
Data alchemy
Jeremy B. Merrill, The New York Times; Eric Sagara, The Center for Investigative Reporting; Mike Tigas, ProPublica

M106
First steps with R (repeat session)
Annie Waldman, ProPublica

M107
Getting started with Python
Jackie Kazil, federal employee

M109
Crowdsourcing with Google Forms
Doug Haddix, The Ohio State University

11:20 AM - 12:20 PM

PANELS

INTERNATIONAL 2-3
Color (and shape and place) my world
Jim Herries, Esri; Robert Simmon, Planet Labs

INTERNATIONAL 4-5
Local data that can lead to stories
Walker Moskop, St. Louis Post-Dispatch; Gavin Off, The Charlotte Observer; Lee Zurik, WVUE-New Orleans

INTERNATIONAL 6-7
Machine learning in the wild – #wins and #fails
Sarah Cohen, The New York Times; Steven Rich, The Washington Post; Janet Roberts, Reuters

INTERNATIONAL 8-9
Jobs and career straight-talk: For (and by) young'uns only
Jeremy B. Merrill, The New York Times; Sisi Wei, ProPublica

DEMO ROOM

INTERNATIONAL 10
Demo: Tools for cracking PDFs
Miguel Barbosa, CitizenAudit; Kevin Crowe, Milwaukee Journal Sentinel

FRIDAY

11:20 AM - 12:20 PM

HANDS-ON

M101
Web scraping using Python
Paul Schreiber, FiveThirtyEight

M102
Build your first news app (pre-registered attendees only) cont'd

M103
PivotTables in Excel
Jonathan Stoneman, independent journalist

M104
Introduction to web programming
Peggy Bustamante, University of Southern California-Annenberg

M105
Simple stats in Excel
Olga Pierce, ProPublica

M106
Visualizing your data with R
Ron Campbell, Center for Health Reporting

M107
GitHub 101: The basics (repeat session)
Jessica Lord & Anna Wiener, GitHub

M109
Grabbing data from websites without scraping (repeat session)
Scott Klein, ProPublica; Michelle Minkoff, The Associated Press

12:20 - 2 PM

Lunch on your own

2:10 - 3:10 PM

PANELS

INTERNATIONAL 2-3
Using data to detect environmental dangers
Caelainn Barr, The Guardian; Michael Corey, The Center for Investigative Reporting; Rob Gebeloff, The New York Times; Ingrid Lobet, independent journalist (moderator)

INTERNATIONAL 4-5
Critical questions to ask of studies, press releases and scientific reports
Peter Aldhous, BuzzFeed; Ron Campbell, Center for Health Reporting; Pat Thomas, University of Georgia

INTERNATIONAL 6-7
Stat-a-thon
Agustin Armendariz, The New York Times; David Donald, Investigative Reporting Workshop - American University; Holly Hacker, The Dallas Morning News; Dan Keating, The Washington Post; Sharon Machlis, Computerworld; Jennifer LaFleur, The Center for Investigative Reporting (moderator)

INTERNATIONAL 8-9
Life after Excel and Access – the next steps in data journalism
Helena Bengtsson, The Guardian; Ryann Grochowski Jones, ProPublica; Eric Sagara, The Center for Investigative Reporting

DEMO ROOM

INTERNATIONAL 10
Scraping, APIs and data extraction
Nils Mulvad, Kaas & Mulvad; Cedric Sam, South China Morning Post

FRIDAY

2:10 - 3:10 PM

HANDS-ON M101
Advanced Django for data analysis
Armand Emamdjomeh & Anthony Pesce, Los Angeles Times

M102
Teach yourself to code
Becca Aaronson, The Texas Tribune

M103
Mini Boot Camp - Excel (pre-registered attendees only)
Megan Luther, IRE/NICAR

M104
Mapbox
Sarah Frostenson, Gannett Digital

M105
Mini Boot Camp - Excel (pre-registered attendees only)
Jaimi Dowdell, IRE/NICAR

M106
Getting data into Excel
Patti DiVincenzo, WSB-Atlanta

M107
Intro to D3
Chris Canipe, The Wall Street Journal; Jon McClure, The Dallas Morning News

M109
Getting started with JavaScript
Andy Boyle, NBC News BreakingNews.com

3:20 - 4:20 PM

PANELS
INTERNATIONAL 2-3
Deep dives part 2
John Bones, Verdens Gang (moderator)

INTERNATIONAL 4-5
Data behind the news
Andrew Fogg, Import.io
More speakers TBA

INTERNATIONAL 6-7
Free tools
Natalia Mazotte & Marco Tulio Pires, Journalism++; Alex Richards, IRE/NICAR

INTERNATIONAL 8-9
Spotlight: Using abstraction to gain knowledge from numbers
Robert Simmon, Planet Labs

DEMO ROOM
INTERNATIONAL 10
Risk adjustment basics
Olga Pierce, ProPublica

HANDS-ON
M101
Useful command line tools for reporters (repeat session)
Agustin Armendariz, The New York Times; Kendall Taggart, BuzzFeed

M102
GitHub 201: Leveling up with the command line
Jessica Lord & Anna Wiener, GitHub

M103
Mini Boot Camp - Excel (pre-registered attendees only) cont'd

FRIDAY

3:20 - 4:20 PM

HANDS-ON
M104
Kimono: An easier way to scrape the Web
Shri Ganeshram, Kimono Labs

M105
Mini Boot Camp - Excel (pre-registered attendees only) cont'd

M106
Analyzing networks with Gephi
Peter Aldhous, BuzzFeed

M107
Playing with Arduino
John Keefe, WNYC - New York Public Radio

M109
Mapping JS: Building narrative with geo data + CartoDB
Aurelia Moser, CartoDB

4:30 - 6 PM

MARQUIS A-B
Lightning Talks/membership meeting/ Philip Meyer Award Presentation (Sponsored by the Knight Foundation)
Sisi Wei, ProPublica (moderator)

6 - 7:30 PM

MARQUIS C-D
Philip Meyer Award Reception

SATURDAY

8:30 AM - 5 PM

Conference Registration and Sales

9 AM - 5 PM

Exhibit Hours

9 - 10 AM

PANELS
INTERNATIONAL 2-3
This just in: Data for breaking news investigations
Cheryl Phillips, Stanford University; Stephen Stock, NBC Bay Area

INTERNATIONAL 4-5
Processes, standards and documentation for data-driven projects
Christopher Groskopf, NPR; Paul Overberg, USA TODAY

INTERNATIONAL 6-7
Design/Viz: What to do, and what not to do
Anna Flagg, Al Jazeera +; Lena Groeger, ProPublica; Moiz Syed, Wikimedia Foundation

INTERNATIONAL 8-9
Getting it the rightest you can
Thomas Hargrove, Scripps Washington Bureau; John Perry, The Atlanta Journal-Constitution; Janet Roberts, Reuters; Jennifer LaFleur, The Center for Investigative Reporting (moderator)

DEMO ROOM
INTERNATIONAL 10
Defense against the dark arts: Security for you and your sources
Jeff Larson & Mike Tigas, ProPublica

SATURDAY

9 - 10 AM

HANDS-ON
M101
Ruby 1: Introduction
Al Shaw, ProPublica

M102
Build your first news app (pre-registered attendees only)
Ben Welsh, Los Angeles Times; Derek Willis, The New York Times

M103
Excel magic (advanced functions) (repeat session)
MaryJo Webster, USA TODAY

M104
Advanced Fusion Tables
Daniel Lathrop, The Dallas Morning News

M105
More MySQL: Learn to use the command line and other powerful features
Agustin Armendariz, The New York Times

M106
Do more in R with these useful new packages
Sharon Machlis, Computerworld

M107
Create your own interactive newsgame without coding
Rebekah Monson, University of Miami

M109
Twitter tricks and analytics (repeat session)
Doug Haddix, The Ohio State University

10:10 - 11:10 AM

PANELS
INTERNATIONAL 2-3
Sensor journalism: Buzz or BS?
John Keefe, WNYC - New York Public Radio; Travis Hartman, University of Missouri; Amy Schmitz Weiss, San Diego State University; Matt Waite, University of Nebraska

INTERNATIONAL 4-5
How to build a happy team
Becca Aaronson, The Texas Tribune; Brian Boyer, NPR; Lauren Rabaino, Vox Media; Adam Schweigert, Investigative News Network; Trei Brundrett, Vox Media (moderator)

INTERNATIONAL 6-7
(Keep) following the money on state and local politics
Edwin Bender, National Institute on Money in State Politics; Denise Malan, IRE/INN; Ted Mellnik, The Washington Post; Ben Wieder, The Center for Public Integrity (moderator)

INTERNATIONAL 8-9
Social media sleuthing
Doug Haddix, The Ohio State University

DEMO ROOM
INTERNATIONAL 10
Building mobile-ready visualizations and maps in minutes with Silk
Alex Salkever, Silk.co

SATURDAY

10:10 - 11:10 AM

HANDS-ON
M101
Ruby 2: Acquiring and transforming data
Jeff Larson, ProPublica

M102
Build your first news app (pre-registered attendees only) cont'd

M103
Text editing with Regular Expressions
Jon McClure, The Dallas Morning News

M104
Advanced Python for data analysis: Part 1
Travis Swicegood, Continuum Analytics

M105
Advanced SQL for analysis
Liz Lucas, IRE/NICAR

M106
R: Preplication
Bill Alpert, Barron's

M107
Municipal bonds 101
Cezary Podkul, ProPublica

M109
Tools for cracking PDFs
Danielle Cervantes, Point Loma University

11:20 AM - 12:20 PM

PANELS
INTERNATIONAL 2-3
Deep dive: Philip Meyer Award winners
David Donald, Investigative Reporting Workshop - American University; Ryan McNeill, Reuters; Fred Schulte, The Center for Public Integrity; Michael Grabell, Lena Groeger, Jeff Larson & Olga Pierce, ProPublica; Phil Williams, WTVF-Nashville (moderator)

INTERNATIONAL 4-5
Go home and share your work!
Ransome Mpini, BBC; Erika Owens & Ryan Pitts, Knight-Mozilla OpenNews; Kio Stark, WNYC - New York Public Radio

INTERNATIONAL 6-7
Making data-informed design decisions
Tyler Fisher, NPR; Josh Kadis, Alley Interactive

INTERNATIONAL 8-9
Policing the police
Rob Barry, The Wall Street Journal; Ben Poston, Los Angeles Times; Topher Sanders, The Florida Times-Union; Corey Johnson, The Marshall Project (moderator)

DEMO ROOM
INTERNATIONAL 10
Intermediate/Advanced Security
Harlo Holmes, The Guardian Project; Aurelia Moser, CartoDB

SATURDAY

11:20 AM - 12:20 PM

HANDS-ON

M101 **Ruby 3: Simple web apps with Ruby**
Jacob Harris, The New York Times

M102 **Build your first news app (pre-registered attendees only) cont'd**

M103 **OpenRefine (repeat session)**
David Herzog, IRE/NICAR

M104 **Advanced Python for data analysis: Part 2**
Tom Meagher, The Marshall Project

M105 **Amazon cloud basics (repeat session)**
Mike Tigas, ProPublica

M106 **Under pressure: Real life in real time with breaking news**
Stephen Stock, NBC Bay Area

M107 **Machine learning**
Chase Davis, The New York Times

M109 **Import.io: Web scraping without coding (repeat session)**
Andrew Fogg, Import.io

12:20 - 2 PM

Lunch on your own

2:10 - 3:10 PM

PANELS

INTERNATIONAL 2-3 **So they bought a federal candidate, now what?**
Sarah Bryner, Center for Responsive Politics; Jacob Fenton, Sunlight Foundation; Chris Schnaars, USA TODAY; Ben Wieder, The Center for Public Integrity (moderator)

INTERNATIONAL 4-5 **Catching fire: Spreading data journalism throughout the newsroom**
Emma Carew Grovum, Foreign Policy Magazine; Jeff Ernsthausen, The Atlanta Journal-Constitution; Jodi Upton, USA TODAY

INTERNATIONAL 6-7 **Spotlight: Talking about uncertainty**
Jordan Ellenberg, University of Wisconsin

INTERNATIONAL 8-9 **Data negotiation: To FOIA or not to FOIA**
Michael Grabell, ProPublica; Paula Lavigne, ESPN; Anupama Narayanswamy, The Chronicle of Higher Education; Mark Horvit, IRE/NICAR (moderator)

DEMO ROOM

INTERNATIONAL 10 **How to draw the Internet: Better interactives through paper prototyping**
Noah Veltman, WNYC - New York Public Radio; Sisi Wei, ProPublica

SATURDAY

2:10 - 3:10 PM

HANDS-ON

M101 **Web scraping using Python (repeat session)**
Paul Schreiber, FiveThirtyEight

M102 **Introduction to mapping: Importing and displaying data geographically with QGIS**
Peter Aldhous, BuzzFeed

M103 **Mini Boot Camp - Access (pre-registered attendees only)**
Denise Malan, INN/IRE

M104 **Getting started with Python**
Ryan Nagle, Investigative News Network; Marcos Vanetta, Knight-Mozilla Open News; Aaron Williams, The Center for Investigative Reporting

M105 **Mini Boot Camp - Access (pre-registered attendees only)**
Liz Lucas, IRE/NICAR

M106 **Automate your development life: Build and deploy with Yeoman and Grunt**
Ryan Murphy, The Texas Tribune

M107 **Twitter Bootstrap: Responsive website framework**
Erika Lee, Indiana University

M109 **Getting started with SQLite**
Troy Thibodeaux, The Associated Press

3:20 - 4:20 PM

PANELS

INTERNATIONAL 2-3 **Getting started with machine learning**
Chase Davis, The New York Times; Jeff Ernsthausen, The Atlanta Journal-Constitution; Robert Lannon, Sunlight Foundation

INTERNATIONAL 4-5 **Data smells**
Jacob Harris, The New York Times; Chris Keller, KPCC/Southern California Public Radio; Aurelia Moser, CartoDB

INTERNATIONAL 6-7 **50 ideas in 60 minutes**
Tyler Dukes, WRAL-Raleigh; Mc Nelly Torres, NBC6 South Florida

INTERNATIONAL 8-9 **Flying solo: When your data "team" is just you**
Kate Martin, The News Tribune; Scott Pham, NBC Bay Area; Chad Skelton, The Vancouver Sun; Brent Jones, St. Louis Public Radio (moderator)

DEMO ROOM

INTERNATIONAL 10 **Visualization for reporting**
Coulter Jones, MedPage Today; Michelle Minkoff, The Associated Press

SATURDAY

3:20 - 4:20 PM

HANDS-ON

M101 **Teach yourself to code (repeat session)**
Becca Aaronson, The Texas Tribune

M102 **Mapping 2: Manipulating and editing geographic data with QGIS**
Michael Corey, The Center for Investigative Reporting

M103 **Mini Boot Camp - Access (pre-registered attendees only) cont'd**

M104 **Python 2**
Ryan Nagle, Investigative News Network; Marcos Vanetta, Knight-Mozilla Open News; Aaron Williams, The Center for Investigative Reporting

M105 **Mini Boot Camp - Access (pre-registered attendees only) cont'd**

M106 **Reporting and presentation with DocumentCloud**
Anthony DeBarros & Ted Han, DocumentCloud/IRE

M107 **Visualizing your data with R (repeat session)**
Ron Campbell, Center for Health Reporting

M109 **Summing and grouping in SQLite**
Troy Thibodeaux, The Associated Press

4:30 - 5:30 PM

PANELS

INTERNATIONAL 2-3 **Editing the data story**
Joel Engelhardt, The Palm Beach Post; Shawn McIntosh, The Atlanta Journal-Constitution; John Walton, BBC; David Armstrong, Georgia News Lab (moderator)

INTERNATIONAL 4-5 **Reporting out the data story**
James Ball, The Guardian; Andrew Lehren, The New York Times; Kendall Taggart, BuzzFeed; Steve Myers, The Lens (moderator)

INTERNATIONAL 6-7 **Mise en Place: What a restaurant kitchen can teach us about deadline coding**
Jeremy Bowers, The New York Times (moderator)

INTERNATIONAL 8-9 **How to not make a fool of yourself with statistics**
Rob Barry, The Wall Street Journal; Holly Hacker, The Dallas Morning News; Jaxk Reeves, University of Georgia; John Perry, The Atlanta Journal-Constitution (moderator)

DEMO ROOM

INTERNATIONAL 10 **On repeat: How to use loops to explain anything**
Lena Groeger, ProPublica

SATURDAY

4:30 - 5:30 PM

HANDS-ON

M101 **Intro to D3 (repeat session)**
Alex Bordens, Chicago Tribune; Darla Cameron, The Washington Post

M102 **Web Inspector for complex scrapes**
Eric Sagara, ProPublica

M103 **Mini Boot Camp - Access (pre-registered attendees only) cont'd**

M104 **Python 3**
Ryan Nagle, Investigative News Network; Marcos Vanetta, Knight-Mozilla Open News; Aaron Williams, The Center for Investigative Reporting

M105 **Mini Boot Camp - Access (pre-registered attendees only) cont'd**

M106 **Simple stats in Excel (repeat session)**
Norm Lewis, University of Florida

M107 **Advanced Python**
Speaker TBA

M109 **Joining and advanced operations in SQLite**
Matt Kiefer, Better Government Association

SUNDAY

8:30 - 10:30 PM

Conference Sales

9 - 10 AM

PANELS

INTERNATIONAL 2-3 **OpenElections hackathon**

INTERNATIONAL 6-7 **The best of broadcast investigations 2014**
Mark Horvit, IRE/NICAR (moderator)

INTERNATIONAL 8-9 **Game of life: Data from day one to the day you die**
Jaimi Dowdell, IRE/NICAR; Jennifer LaFleur, The Center for Investigative Reporting

DEMO ROOM

INTERNATIONAL 10 **Shedding light on the dark web: Using tech to build corporate investigations**
David Buxton & Sam Hardy, Arachnys

SUNDAY

9 - 10 AM

HANDS-ON
M101 **Lightning fast data analysis with Tableau: Part 1**
Jewel Loree, Tableau Software; Sarah Ryley, New York Daily News

M102 **Just enough Django: Distributed data entry in the newsroom (pre-registered attendees only)**
Ken Schwencke, The New York Times; Ben Welsh, Los Angeles Times

M103 **Excel en Español (pre-registered attendees only)**
Kevin Crowe, Milwaukee Journal Sentinel

M104 **Advanced SQL using PostgreSQL**
Anthony DeBarros, DocumentCloud/IRE

M105 **Mini Boot Camp (pre-registered attendees only)**
David Herzog, IRE/NICAR; Denise Malan, INN/IRE

M106 **Tools for cracking PDFs (repeat session)**
Danielle Cervantes, Point Loma University

M107 **Introduction to mapping: Importing and displaying data geographically with QGIS (repeat session)**
Alex Richards, IRE/NICAR

M109 **Installation party**

10:10 - 11:10 AM

PANELS
INTERNATIONAL 2-3 **OpenElections hackathon**

INTERNATIONAL 6-7 **Deep dives**
Mark Horvit, IRE/NICAR (moderator)

INTERNATIONAL 8-9 **Finding data trails**
Megan Luther, IRE/NICAR

DEMO ROOM
INTERNATIONAL 10 **Using machine learning to deal with dirty data: a Dedupe demonstration**
Jeff Ernsthausen, The Atlanta Journal-Constitution; Derek Eder, Forest Gregg & Eric van Zanten, DataMade

HANDS-ON
M101 **Lightning fast data analysis with Tableau: Part 2**
Ben Jones, Tableau Software; Sarah Ryley, New York Daily News

M102 **Just enough Django: Distributed data entry in the newsroom (pre-registered attendees only) cont'd**

SUNDAY

10:10 - 11:10 AM

HANDS-ON
M103 **Excel en Español (pre-registered attendees only) cont'd**
Jeff Kelly Lowenstein, Columbia College Chicago

M104 **Making your own Yo bot**
Matt Waite, University of Nebraska

M105 **Mini Boot Camp (pre-registered attendees only) cont'd**

M106 **Using Silk.co to analyze data and publish beautiful maps and charts in minutes**
Alex Salkever, Silk.co

M107 **Mapping 2: Manipulating and editing geographic data with QGIS (repeat session)**
Alex Richards, IRE/NICAR

M109 **Under pressure: Real life in real time with breaking news (repeat session)**
Stephen Stock, NBC Bay Area

11:20 AM - 12:20 PM

PANELS
INTERNATIONAL 2-3 **OpenElections hackathon**

INTERNATIONAL 6-7 **Career roundtable**
Sarah Cohen, The New York Times; Corey Johnson, The Marshall Project; Stephen Stock, NBC Bay Area; Mark Horvit, IRE/NICAR (moderator)

INTERNATIONAL 8-9 **Mining searchable databases for stories**
Jaimi Dowdell, IRE/NICAR; Jonathan Stoneman, independent journalist

DEMO ROOM
INTERNATIONAL 10 **Advanced DocumentCloud: Examples and suggestions**
Anthony DeBarros & Ted Han, DocumentCloud/IRE

HANDS-ON
M102 **Just enough Django: Distributed data entry in the newsroom (pre-registered attendees only) cont'd**

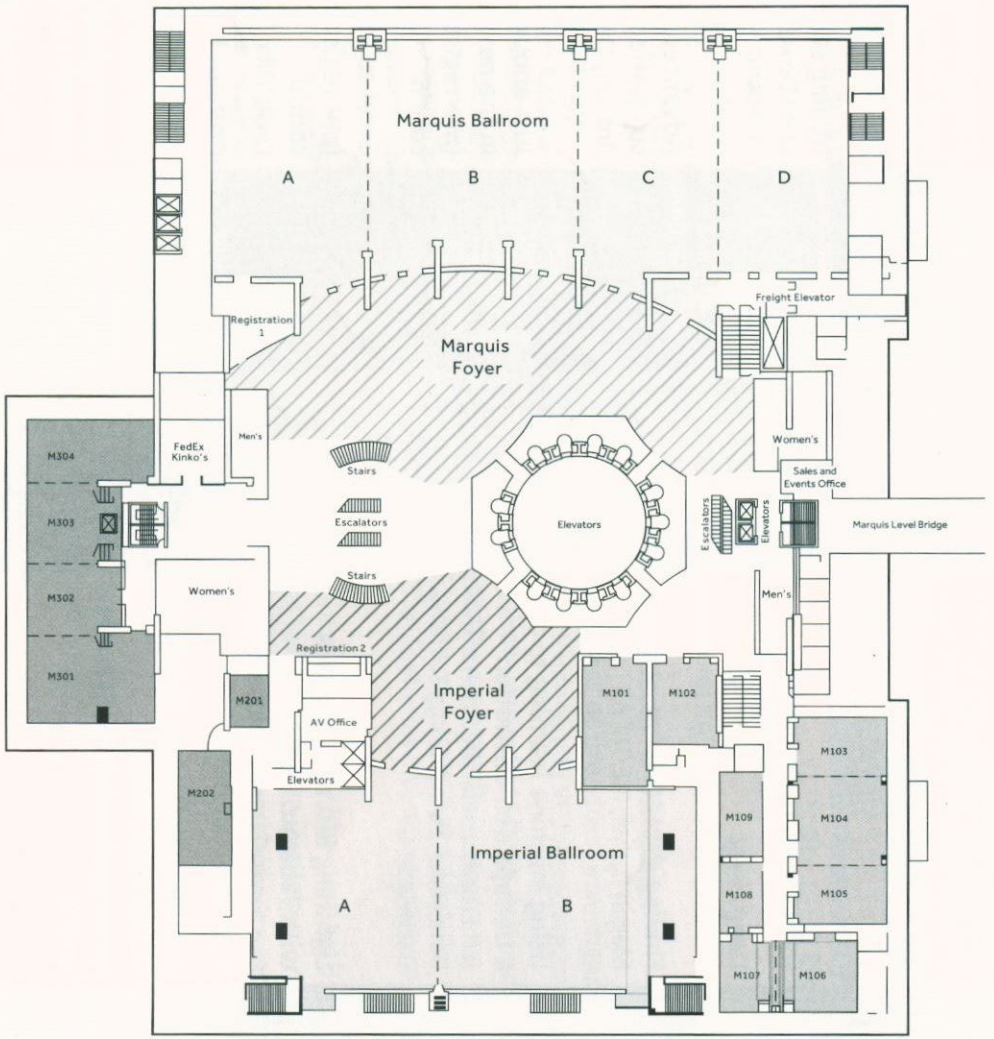
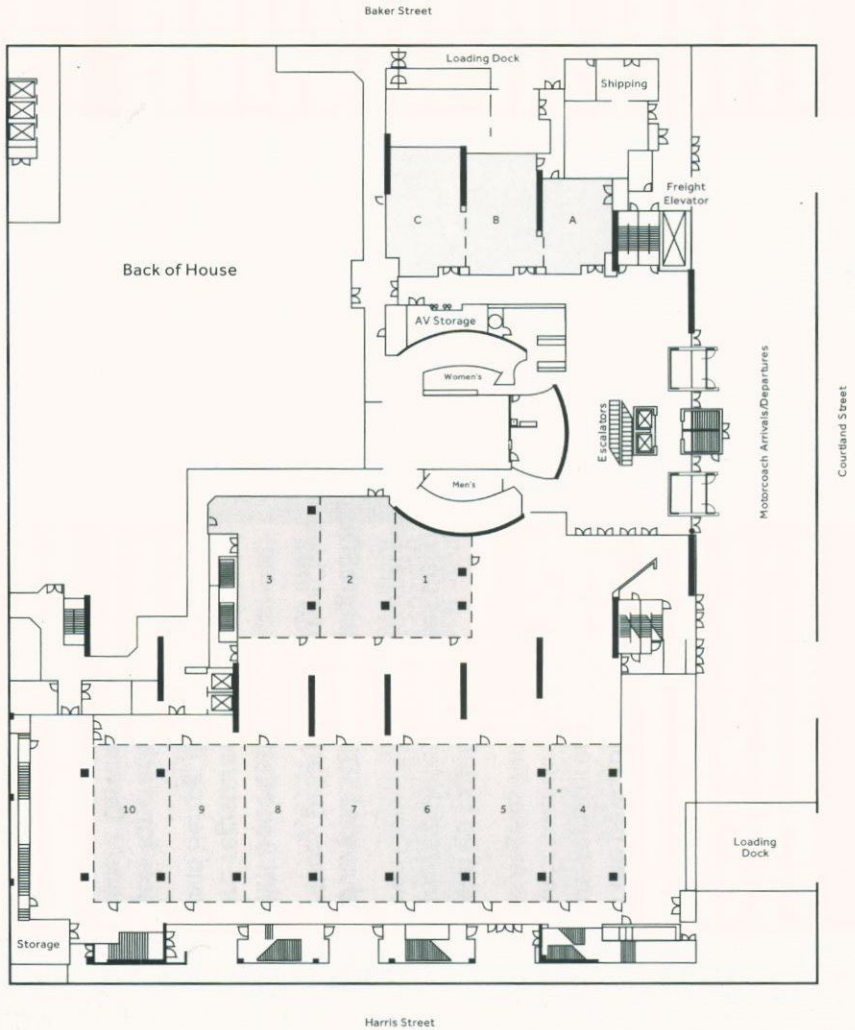
M103 **Excel en Español (pre-registered attendees only) cont'd**
Lucio Villa, Hoy Chicago

M104 **CAR wash**
Sean Sposito, The Atlanta Journal-Constitution

M105 **Mini Boot Camp (pre-registered attendees only) cont'd**

M109 **Take home a text editor**
Liz Lucas, IRE/NICAR

MARQUIS LEVEL



INTERNATIONAL LEVEL