2016

CAR

CONFERENCE
MARCH 10-13   DENVER

SPONSORS AND FELLOWSHIPS

Donald W. Reynolds Journalism Institute

Google

Gray Television

IRE Minority Development Program Fellowship

Knight Foundation

Knight-Mozilla OpenNews

Levine Sullivan Koch & Schulz, LLP

Lumina Foundation

Missouri School of Journalism

Rocky Mountain PBS I-News

Philip L. Graham Diversity Fellowship

EXHIBITORS

DocumentCloud

Esri

Federal Election Commission (FEC)

Federal Reserve Bank of St. Louis

Panjiva, Inc.

WEDNESDAY

1 - 5 PM

LOWER LEVEL 2

IRE Registration

2 - 6 PM

DENVER III-IV

Techraking <=16: Bootstrapping the News (Sponsored by Reveal/The Center for Investigative Reporting) (Registration 1:30 p.m.)
Michael Corey, Scott Pham & Eric Sagara, Reveal/CIR

2 - 5 PM

DEMO ROOM
PENROSE

10 great business databases to mine for stories (Sponsored by Donald W. Reynolds National Center for Business Journalism)
Stephen Doig, ASU Walter Cronkite School of Journalism

THURSDAY

7:30 AM - 6 PM

Conference Registration and Sales

9 AM - 5 PM

Exhibit Hours

8:30 - 8:50 AM

PANELS
COLORADO F

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

9 - 10 AM

COLORADO E

What time, patience & a little OCD can teach you about the interactive news landscape
Troy Griggs, The Guardian; Ken Schwencke, The Thrust

COLORADO F

Getting started: Intro to CAR and the conference
Liz Lucas, IRE/NICAR; Lisa Pickoff-White, KQED Public Radio

COLORADO G-J

The way we look next: Mining past and future census data to predict diversity in race, income and aging
Joe Germuska, Northwestern University Knight Lab; Maria Olmedo-Malagon, U.S. Census Bureau; Paul Overberg, The Wall Street Journal; Jodi Upton, USA TODAY (moderator)

DENVER III-IV

Are you smarter than a fifth grader?
Lindsey Cook, U.S. News & World Report; Ashlyn Still, The Atlanta Journal-Constitution

DEMO ROOM
PENROSE

Data verification
Giannina Segnini, Columbia University

THURSDAY

9 - 10 AM

HANDS-ON
INDEPENDENCE

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

MATCHLESS

Intro to Ruby
Tiff Fehr, The New York Times

MATTIE SILKS

PyCAR *pre-registered attendees only
Adriana Homolova, independent journalist; Tom Meagher, The Marshall Project; Alex Richards, IRE/NICAR

GOLD COIN

Map Camp *pre-registered attendees only
David Herzog, IRE/NICAR; Jennifer LaFleur, Reveal/CIR; Brian Peterson, Esri

DENVER I

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

DENVER II

Fusion Tables: Beginner
Joe Yerardi, inewsource

DENVER V

Intro to database manager MySQL I
Paula Lavigne, ESPN

DENVER VI

Cleaning data with OpenRefine
Robert Gebeloff, The New York Times; Nils Mulvad, Kaas & Mulvad

10:15 - 11:15 AM

PANELS
COLORADO E

What the hell is D3 and all the other questions you're afraid to ask?
Tisha Thompson, NBC4 Washington; Sisi Wei, ProPublica

COLORADO F

Same as it ever was? New approaches to the same old data
Chase Davis, The New York Times; Ryan McNeill, Reuters; John Perry, The Atlanta Journal-Constitution

COLORADO G-J

Finding stuff online: A journalist's guide to tracking down information
Jaimi Dowdell & Mark Horvit, IRE/NICAR

DENVER III-IV

Teaching data journalism and computer-assisted reporting: Your best ideas
Meredith Broussard, New York University; Brant Houston, University of Illinois (moderators)

DEMO ROOM
PENROSE

30 (maybe 20) ideas for local energy stories that use data sets that you can access RIGHT NOW
Dan Boyce, Stephanie Joyce, Leigh Paterson & Jordan Wirfs-Brock, Inside Energy

10:15 - 11:15 AM

HANDS-ON
INDEPENDENCE

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

MATCHLESS

Working with data in Ruby
Jacqui Maher, BBC News

MATTIE SILKS

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

GOLD COIN

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

DENVER I

Designing database applications to increase page views and ad revenues (Hosted by Caspio)
Edward Garcia, Caspio

DENVER II

Tools to handle PDFs
Acton Gorton, University of Illinois

DENVER V

Intro to database manager MySQL II
Tim Henderson, Pew Stateline

DENVER VI

Animated videos for storytelling
Kavya Sukumar, Vox Media

11:30 AM - 12:30 PM

PANELS
COLORADO E

Data for breaking news
John Keefe, WNYC - New York Public Radio; Stephen Stock, NBC Bay Area

COLORADO F

Best practices for scraping: From ethics to techniques
Ricardo Brom, La Nación; David Eads, NPR; Amanda Hickman, BuzzFeed Open Lab; Martin Burch, The Wall Street Journal (moderator)

COLORADO G-J

The data behind the pixel
Eric Sagara, Reveal/CIR; Al Shaw, ProPublica

DENVER III-IV

Investigating the legal marijuana trade
Chris Koeberl, Fox31 Denver; Katie Wilcox, Rocky Mountain PBS I-News; Laura Frank, Rocky Mountain PBS (moderator)

DEMO ROOM
PENROSE

FOIA Tricks
Jason Leopold, VICE News

11:30 AM - 12:30 PM

HANDS-ON
MATCHLESS

Basic Ruby web apps with Sinatra
Jacob Harris, 18F

MATTIE SILKS

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

GOLD COIN

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

DENVER I

Finding the story: Health care
Ryann Grochowski Jones & Charles Ornstein, ProPublica

DENVER II

Solving setup and deployment with (docker) containers
Eric Buth, The New York Times

DENVER V

Excel for business and economics
Aaron Kessler, Scripps Washington Bureau

DENVER VI

Intro to the command line (PC)
Liz Lucas, IRE/NICAR

12:30 - 2:15 PM

Lunch on your own

1:30 - 3 PM

HANDS-ON
INDEPENDENCE

Finding and telling data stories with Tableau Public (Hosted by Tableau) *pre-registered attendees only
Dash Davidson, Tableau Software

2:15 - 3:15 PM

PANELS
COLORADO E

Algorithmic accountability: Case studies from the field
Nicholas Diakopoulos & Jennifer Stark, University of Maryland; Jeff Larson, ProPublica

COLORADO F

Election: Making the most out of campaign finance and election APIs
Sam Cohen & Matt Della Volpe, The Associated Press; Derek Willis, ProPublica; Lindsay Young, 18F

COLORADO G-J

Tracking government spending
Colby Goodman, Center for International Policy; Kate Martin, The News Tribune; Lee Zurik, WVUE-New Orleans; Nate Carlisle, The Salt Lake Tribune (moderator)

DENVER III-IV

Mining college scorecard data (Sponsored by Lumina Foundation)
Andrea Fuller, The Wall Street Journal; Annie Waldman, ProPublica

DEMO ROOM
PENROSE

Autotune: Making reusable graphics
Casey Miller & Kavya Sukumar, Vox Media

THURSDAY

2:15 - 3:15 PM

HANDS-ON

INDEPENDENCE
Tableau Public (cont'd)

MATCHLESS
Intro to sensor journalism with arduinos
Linda Sandvik, Knight-Mozilla OpenNews

MATTIE SILKS
PyCAR *pre-registered attendees only (cont'd)

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

DENVER I
Command line tools for reporters (PC)
Karrie Kehoe, The Times

DENVER II
Analyzing networks with Gephi
Peter Aldhous, BuzzFeed News

DENVER V
Stats: An introduction
Norm Lewis, University of Florida

DENVER VI
Getting started with Excel
Caelainn Barr, The Guardian

3:30 - 4:30 PM

PANELS

COLORADO E
TBA

COLORADO F
From arrest to sentencing: How to analyze trends and make comparisons in crime stats (Sponsored by Criminal Justice Journalists)
Chad Day, The Associated Press; Kim English, Colorado Division of Criminal Justice; Paula Lavigne, ESPN; Ted Gest, Criminal Justice Journalists (moderator)

COLORADO G-J
I always feel like somebody's watchin' me
Jeff Larson, ProPublica; Quinn Norton, independent journalist; Andy Boyle, NBC News Breaking News (moderator)

DENVER III-IV
Deep dives
John Bones, Verdens Gang; Reuben Fischer-Baum & Dhrumil Mehta, FiveThirtyEight; Adam Playford, Tampa Bay Times; Jill Riepenhoff, The Columbus Dispatch (moderator)

DEMO ROOM

PENROSE
Key data for all of your stories
David Hiles, Bureau of Labor Statistics; Maria Olmedo-Malagon, U.S. Census Bureau; Jaimi Dowdell, IRE/NICAR (moderator)

THURSDAY

3:30 - 4:30 PM

HANDS-ON

INDEPENDENCE
Designing Tableau visualizations for mobile (Hosted by Tableau) 3:30 - 5 p.m. *pre-registered attendees only (cont'd)
Dash Davidson, Tableau Software

MATCHLESS
What's the story with algorithms?
Nicholas Diakopoulos & Jennifer Stark, University of Maryland

MATTIE SILKS
PyCAR *pre-registered attendees only (cont'd)

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

DENVER I
Grabbing data from websites without scraping
Samantha Sunne, independent journalist

DENVER II
Overview
Jonathan Stray, Columbia University

DENVER V
Stats: Linear regression
Ryan McNeill, Reuters

DENVER VI
Using formulas in Excel
Juan Lyon, El Mercurio

4:45 - 5:45 PM

PANELS

COLORADO E
A candid discussion on when and how data journalists disclose their methods
Ryann Grochowski Jones, ProPublica; Stuart Thompson, The Wall Street Journal; Aaron Williams, The Washington Post; Christopher Groskopf, Quartz (moderator)

COLORADO F
Lessons from a computational political scientist
Amber Boydstun, University of California-Davis; Sarah Cohen, The New York Times (moderator)

COLORADO G-J
The value of emerging (and failed) tech
Robert Hernandez, University of Southern California-Annenberg; Matt Waite, University of Nebraska-Lincoln

DEMO ROOM

PENROSE
Web scraping without programming
Robert Gebeloff, The New York Times; Tom Johnson, Institute for Analytic Journalism

THURSDAY

4:45 - 5:45 PM

HANDS-ON
INDEPENDENCE — **Tableau *pre-registered attendees only (cont'd)**

MATCHLESS — **Building VR interactives with Three.js**
Armand Emamdjomeh, Los Angeles Times

MATTIE SILKS — **PyCAR *pre-registered attendees only (cont'd)**

GOLD COIN — **Map Camp *pre-registered attendees only (cont'd)**

DENVER I — **Visualization and analysis in Python**
Roberto Rocha, CBC

DENVER II — **Advanced data cleaning with Python: Machine learning techniques**
Cathy Deng & Forest Gregg, DataMade

DENVER V — **Stats: Logistic regression**
Ted Mellnik, The Washington Post

DENVER VI — **PivotTables in Excel**
Andrew Chavez, The Dallas Morning News

6-7 PM

DENVER III-IV — **Welcome Reception**

FRIDAY

7:45 - 8:45 AM

PENROSE — **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
COLORADO E — **Detecting deception: The language of lies**
Jeff Hancock, Stanford University; Cheryl Phillips, Stanford University (moderator)

COLORADO F — **Data viz for all: Creating interactive experiences that are usable, accessible, and mobile-friendly**
Nathaniel Lash, Tampa Bay Times; Julia Smith, Knight-Mozilla OpenNews; Aaron Williams, The Washington Post; Alex Richards, IRE/NICAR (moderator)

COLORADO G-J — **Deep dives: Broadcast**
Jeremy Jojola, KUSA/9News Denver; Eva Parks, KXAS/NBC5 Dallas-Fort Worth; Jenna Susko, NBC4 Los Angeles; Matt Goldberg, NBC4 Los Angeles (moderator)

DENVER III-IV — **How to avoid rookie mistakes**
Brent Jones, St. Louis Public Radio; Tisha Thompson, NBC4 Washington; Matt Wynn, Omaha World-Herald; MaryJo Webster, Star Tribune (moderator)

FRIDAY

9-10 AM

DEMO ROOM
PENROSE — **Drones, scrapers and fantasy football for campaign finance**
Westley Hennigh-Palermo, Amanda Hickman & Ben Kreimer, BuzzFeed Open Lab

HANDS-ON
INDEPENDENCE — **Build your first news app *pre-registered attendees only**
Ben Welsh, Los Angeles Times; Derek Willis, ProPublica

MATCHLESS — **Intro to JavaScript**
Peggy Bustamante, University of Southern California - Annenberg

MATTIE SILKS — **Intermediate Python *pre-registered attendees only**
Eric Sagara, Reveal/CIR; Serdar Tumgoren, The Associated Press

GOLD COIN — **Amazon cloud basics**
Scott Klein, ProPublica

DENVER I — **Finding the story: Crime**
Mark Nichols & Jodi Upton, USA TODAY

DENVER II — **Agate for data analysis in Python**
Matt Waite, University of Nebraska - Lincoln

DENVER V — **Getting started with SQL**
Malik Singleton, New York University

DENVER VI — **Stats in Excel**
Norm Lewis, University of Florida

10:15 - 11:15 AM

PANELS
COLORADO E — **Which chart should I use, and why? Information design for the human brain!**
Peter Aldhous, BuzzFeed News; Alexandra Kanik, MediaShift

COLORADO F — **Investigating inequality**
Holly Hacker, The Dallas Morning News; Burt Hubbard, Rocky Mountain PBS I-News; Kimbriell Kelly, The Washington Post; Ron Nixon, The New York Times (moderator)

COLORADO G-J — **Behind the curtain: What open data looks like from within the government**
Rebecca Williams, Johns Hopkins' GovEx; Sisi Wei, ProPublica (moderator)

DENVER III-IV — **Can't afford your own unicorn? Bringing civic hackers into the newsroom**
Derek Eder, DataMade; Marco Túlio Pires, School of Data; Josh Stewart, Sunlight Foundation; Eva Constantaras, Internews (moderator)

DEMO ROOM
PENROSE — **Why the real-time Web is the new jet fuel for media**
Jillian Bloome & Victor Hernandez, Banjo

10:15 - 11:15 AM

HANDS-ON

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

MATCHLESS
Intro to the DOM and jQuery
Scott Pham, Reveal/CIR

MATTIE SILKS
Intermediate Python
*pre-registered attendees only (cont'd)

GOLD COIN
Intro to Python I
Aaron Kessler, Scripps Washington Bureau; Colleen McEnaney, The Wall Street Journal; Aaron Williams, The Washington Post

DENVER I
Getting data into Excel
Helena Bengtsson, The Guardian

DENVER II
Data wrangling with Python
Abraham Epton, Chicago Tribune

DENVER V
Counting & summing with SQL
Meghan Hoyer, The Associated Press

DENVER VI
Excel magic
MaryJo Webster, Star Tribune

11:30 AM - 12:30 PM

PANELS

COLORADO E
How to keep up: Newsapps teams as lifetime learners
Gabriel Dance, The Marshall Project; Mariana Santos, Fusion; Adam Schweigert, Institute for Nonprofit News; Troy Thibodeaux, The Associated Press (moderator)

COLORADO F
They've got it, you want it: Getting data and docs
Rich Orman, District Attorney, 18th Judicial District (Colorado); Jeff Roberts, Colorado Freedom of Information Coalition; Steve Zansberg, Levine Sullivan Koch & Schulz, LLP; Ellen Gabler, Milwaukee Journal Sentinel (moderator)

COLORADO G-J
Structured journalism: Creating the atoms of news
David Caswell, Structured Stories; Jacqui Maher, BBC News; Reg Chua, Reuters (moderator)

DENVER III-IV
Humanizing numbers
Andrew Lehren, The New York Times; Elizabeth Shell, CCTV America; Kendall Taggart, BuzzFeed News; Malik Singleton, New York University (moderator)

DEMO ROOM

PENROSE
Finding insights in connected data: Using graph databases in journalism
William Lyon, Neo Technology

11:30 AM - 12:30 PM

HANDS-ON

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

MATCHLESS
Building maps with Leaflet.js
Chris Essig, The Gazette

MATTIE SILKS
Intermediate Python
*pre-registered attendees only (cont'd)

GOLD COIN
Intro to Python II
Aaron Kessler, Scripps Washington Bureau; Colleen McEnaney, The Wall Street Journal; Aaron Williams, The Washington Post

DENVER I
Finding the story: Time value of money
Cezary Podkul, ProPublica

DENVER II
import.io: Web scraping without coding
Alex Gimson, import.io

DENVER V
Joining tables with SQL
Andrea Fuller, The Wall Street Journal

DENVER VI
Advanced OpenRefine: Using regular expressions
Sarah Cohen, The New York Times

12:30 - 2:15 PM

Lunch on your own

12:45 - 2 PM

PENROSE
Media lawyer brown bag
Rich Orman, District Attorney, 18th Judicial District (Colorado); Nabiha Syed, BuzzFeed News; Steve Zansberg, Levine Sullivan Koch & Schulz, LLP

2:15 - 3:15 PM

PANELS

COLORADO E
The ethics and law of reporting on hacked data
Jack Gillum, The Associated Press; Quinn Norton, independent journalist; Nabiha Syed, BuzzFeed News; Jeremy Singer-Vine, BuzzFeed News (moderator)

COLORADO F
Election: Dark money
Carrie Levine, The Center for Public Integrity; Robert Maguire, Center for Responsive Politics; Melissa Yeager, Sunlight Foundation; T. Christian Miller, ProPublica (moderator)

COLORADO G-J
Data journalists and data teams: Where we are and where we want to go
Sarah Cohen, The New York Times; Scott Klein, ProPublica; Jennifer LaFleur, Reveal/CIR; Ben Welsh, Los Angeles Times; Reg Chua, Reuters (moderator)

DENVER III-IV
Hidden data on exploited workers, programs and more: Using U.S. Visa data for investigations
Brant Houston, University of Illinois; Ron Nixon, The New York Times

2:15 - 3:15 PM

DEMO ROOM
PENROSE

You don't need a GIS program to make data maps
David Herzog, IRE/NICAR; Daniel Lathrop, University of Iowa

HANDS-ON
INDEPENDENCE

Advanced Django for data analysis
Armand Emamdjomeh & Anthony Pesce, Los Angeles Times

MATCHLESS

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

MATTIE SILKS

Intro to R
*pre-registered attendees only
Ryann Grochowski Jones & Annie Waldman, ProPublica

GOLD COIN

Intro to Python III
Aaron Kessler, Scripps Washington Bureau; Colleen McEnaney, The Wall Street Journal; Aaron Williams, The Washington Post

DENVER I

Map like a pro with ArcGIS Online
Brian Peterson, Esri

DENVER II

R basics: Data wrangling with R
Caelainn Barr, The Guardian

DENVER V

Digging into data for stories: A crash course
*pre-registered attendees only
IRE/NICAR staff

DENVER VI

Digging into data for stories: A crash course
*pre-registered attendees only
IRE/NICAR staff

3:30 - 4:30 PM

PANELS
COLORADO E

Reproducible research and analysis sharing
Bill Alpert, Barron's; Christopher Groskopf, Quartz; Timo Grossenbacher, Swedish Public Broadcast; Michelle Minkoff, The Associated Press; Serdar Tumgoren, The Associated Press (moderator)

COLORADO F

Election: Reverse-engineering campaign finance stories
Aaron Bycoffe, FiveThirtyEight; Anupama Narayanswamy, The Washington Post; Derek Willis, ProPublica

COLORADO G-J

So you want to be a lonely coder
Lindsey Cook, U.S. News & World Report; Brent Jones, St. Louis Public Radio; Alexandra Kanik, MediaShift; Scott Pham, Reveal/CIR (moderator)

DENVER III-IV

Risks and rewards of rolling your own criminal justice data
Gabriel Dance, The Marshall Project; Kenan Davis, The Guardian; Steven Rich, The Washington Post; Jodi Upton, USA TODAY; Tom Meagher, The Marshall Project (moderator)

3:30 - 4:30 PM

DEMO ROOM
PENROSE

Four tools in 60 minutes
Bill Hankes, Sqoop; Domila McFarlane, Panjiva; Jeff Mohr, Kumu; Skylar Olsen, Zillow; Jaimi Dowdell, IRE/NICAR (moderator)

HANDS-ON
INDEPENDENCE

Lightning-fast data analysis with Tableau
Sarah Ryley, New York Daily News

MATCHLESS

Intro to the command line (Unix)
Anna Boiko-Weyrauch, Rocky Mountain PBS I-News

MATTIE SILKS

Intro to R
*pre-registered attendees only (cont'd)

GOLD COIN

Visualization and analysis in Python (repeat session)
Roberto Rocha, CBC

DENVER I

Twitter tricks & analytics
Doug Haddix, Kiplinger Program at Ohio State University

DENVER II

Advanced SQL for analysis
Kendall Taggart, BuzzFeed News

DENVER V

Digging into data for stories: A crash course
*pre-registered attendees only (cont'd)

DENVER VI

Digging into data for stories: A crash course
*pre-registered attendees only (cont'd)

4:45 - 6 PM

COLORADO E-J

Lightning Talks (Sponsored by the Knight Foundation)
Sisi Wei, ProPublica (moderator)

6 - 6:15 PM

COLORADO E-J

Philip Meyer Award Presentation

6:15 - 7:30 PM

DENVER III-IV

Philip Meyer Award Reception

SATURDAY

8:30 AM - 6 PM
Conference Registration and Sales

9 AM - 5 PM
Exhibit Hours

9 - 10 AM

PANELS

COLORADO E

Beyond crowdsourcing: How to get citizens involved in investigative journalism
Daniel Drepper, correctiv.org; Andrew Haeg, GroundSource; Subramaniam Vincent, Stanford; Denise Malan, INN/IRE (moderator)

COLORADO F

Getting your feet wet: Data projects you can try anywhere
Kevin Crowe, Milwaukee Journal Sentinel; Jamie Grey, KOMU-Columbia

COLORADO G-J

Beyond chi-square: Is it a fluke?
Jennifer LaFleur, Reveal/CIR; Olga Pierce, ProPublica; John Templon, BuzzFeed News; Sarah Cohen, The New York Times (moderator)

DENVER III-IV

Training your newsroom to look for data and interactive ideas
Rachel Schallom, Fusion; Dana Williams, Honolulu Star-Advertiser

DEMO ROOM

PENROSE

The Bot Emporium: A selection of parts, platforms, applications and ideas for your newsroom
Justin Myers, The Associated Press

HANDS-ON

INDEPENDENCE

Build your first news app
*pre-registered attendees only
Ben Welsh, Los Angeles Times; Derek Willis, ProPublica

MATCHLESS

Intro to R
Coulter Jones, The Wall Street Journal; Amelia McNamara, Smith College

MATTIE SILKS

Agate for data analysis in Python
(repeat session)
Christopher Groskopf, Quartz

GOLD COIN

CAR wash: Techniques for cleaning dirty data
Nate Carlisle, The Salt Lake Tribune

DENVER I

Regular expressions
Christian McDonald, Austin American-Statesman

DENVER II

Building tools and automation for Node.js
Ryan Murphy, The Texas Tribune

DENVER V

SQLite I
Troy Thibodeaux, The Associated Press

DENVER VI

Stats: An introduction (repeat session)
Jeff Kelly Lowenstein, Columbia College Chicago

SATURDAY

10:15 - 11:15 AM

PANELS

COLORADO E

The best admin tools for the job
Gregor Aisch, The New York Times; Lindsey Cook, U.S. News & World Report; Jon Schleuss, Los Angeles Times; Chris Canipe, The Wall Street Journal (moderator)

COLORADO F

Digital dark arts
Nicole Hensley, New York Daily News; Mike Tigas, ProPublica

COLORADO G-J

Right is the new cool
Agustin Armendariz, The New York Times; Sinduja Rangarajan, Institute for Nonprofit News; Janet Roberts, Reuters

DENVER III-IV

Election: Digging in on local and state elections
Edwin Bender, National Institute on Money in State Politics; Nic Garcia, Chalkbeat; Sandra Fish, New Mexico In Depth; Charles Lewis, Investigative Reporting Workshop (moderator)

DEMO ROOM

PENROSE

The data of images: Tools to help analyze, verify, and debunk visuals
Samaruddin Stewart, Verified Pixels Project

HANDS-ON

INDEPENDENCE

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

MATCHLESS

Intro to R
(cont'd)

MATTIE SILKS

Data wrangling with Python (repeat session)
Jackie Kazil, Capital One

GOLD COIN

How to make Google Earth flythroughs
Tom Nurse & Nassos Stylianou, BBC News

DENVER I

QGIS I: Importing and displaying geographic data
Alexandra Kanik, MediaShift

DENVER II

Creating a Twitter bot with Node.js
Thomas Wilburn, The Seattle Times

DENVER V

SQLite II
Emmanuel Martinez, Reveal/CIR

DENVER VI

Stats: Linear regression (repeat session)
Holly Hacker, The Dallas Morning News

PANELS

COLORADO E

International CAR
Eva Constantaras, Internews; Tommy Kaas, Kaas & Mulvad; Qiong Wang, Wuhan University; Megan Luther, IRE/NICAR (moderator)

COLORADO F

The life cycle of a news app
Scott Klein, ProPublica; Jacqui Maher, BBC News; Jolie McCullough, The Texas Tribune; Jennifer LaFleur, Reveal/CIR (moderator)

COLORADO G-J

Addicted: Revealing hidden communities using substance abuse data
Jacquee Petchel, ASU Walter Cronkite School of Journalism; Stephen Stirling, NJ Advance Media

DENVER III-IV

The evolution of data journalism education
Mark Hansen, Columbia University; Cheryl Phillips, Stanford University; Matt Waite, University of Nebraska-Lincoln

DEMO ROOM

PENROSE

Jobs and career straight-talk: For (and by) young'uns only (until 1:30 p.m.)
Jeremy Merrill, The New York Times; Sisi Wei, ProPublica

HANDS-ON

INDEPENDENCE

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

MATCHLESS

Mapping with CartoDB
CJ Sinner, Star Tribune

MATTIE SILKS

Python pandas for data analysis
Carla Astudillo, International Business Times; Joe Germuska, Northwestern University Knight Lab

GOLD COIN

Fusion Tables: Advanced
Daniel Lathrop, University of Iowa

DENVER I

QGIS II: Manipulating, editing and analyzing geographic data
Michael Corey, Reveal/CIR

DENVER II

R basics: Data wrangling with R (repeat session)
Bill Alpert, Barron's

DENVER V

SQLite III
Troy Thibodeaux, The Associated Press

DENVER VI

Stats: Logistic regression (repeat session)
John Perry, The Atlanta Journal-Constitution

12:30 - 2:15 PM

Lunch on your own

PANELS

COLORADO E

Spotlight on the story
Matt Carroll, MIT Media Lab; Esther Kaplan, Investigative Fund of the Nation Institute; Griff Palmer, The New York Times; Mark Horvit, IRE/NICAR (moderator)

COLORADO F

Turning data into damn good audio and video journalism
Michael Corey, Reveal/CIR; Brian Foo, New York Public Library's Labs; Kavya Sukumar, Vox Media; Nancy Watzman, Internet Archive; Joe Wertz, StateImpact Oklahoma (moderator)

COLORADO G-J

The exploding ecosystem of health data
Coulter Jones, The Wall Street Journal; Charles Ornstein, ProPublica; Fabiola Torres Lopez, Ojo Público

DENVER III-IV

Parsing prickly PDFs
Jacob Fenton, Stanford University; Jeremy Singer-Vine, BuzzFeed News

DEMO ROOM

PENROSE

Delivering the news over HTTPS
Paul Schreiber, FiveThirtyEight

COLORADO A

California Code Rush (2:15 - 5:45 p.m.)
James Gordon, California Civic Data Coalition; Jennifer LaFleur, Reveal/CIR; Cheryl Phillips, Stanford University; Ben Welsh, Los Angeles Times; Aaron Williams, The Washington Post

COLORADO B-D

Crypto Party (2:15 - 4:30 p.m.)
Mike Tigas, ProPublica

HANDS-ON

INDEPENDENCE

GitHub 101
Anna Wiener, GitHub

MATCHLESS

Ruby web frameworks: Rails
Al Shaw, ProPublica

MATTIE SILKS

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

GOLD COIN

Testing and debugging code in Python
Geoff Hing, Chicago Tribune

DENVER I

Practical data viz in JavaScript
Dana Amihere, The Dallas Morning News

DENVER II

R basics: Data viz
Ronald Campbell, NBC

DENVER V

Digging into data for stories: A crash course
*pre-registered attendees only
IRE/NICAR staff

DENVER VI

Digging into data for stories: A crash course
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PANELS

COLORADO E

All about the analysis
Ricardo Brom, La Nación; Tyler Dukes, WRAL-Raleigh; Tania Montalvo, Animal Político; Chrys Wu, The New York Times (moderator)

COLORADO F

The rise of the data selfie
Trina Chiasson, Tableau Software; John Walton, BBC News

COLORADO G-J

Free tools
Helena Bengtsson, The Guardian; Samantha Sunne, independent journalist

DENVER III-IV

Digging deeper with social media
Doug Haddix, Kiplinger Program at Ohio State University; Misty Montano, KUSA/9News Denver

DEMO ROOM

PENROSE

Command line graphics: How to use your terminal to process tons of images, extract data from photos, make GIFs and movies...and more
Jon Keegan, The Wall Street Journal

HANDS-ON

INDEPENDENCE

Command line tools for reporters (Unix)
Agustin Armendariz, The New York Times; Kendall Taggart, BuzzFeed News

MATCHLESS

Scraping the web with Ruby
Jeff Ernsthausen, The Atlanta Journal-Constitution

MATTIE SILKS

Finding the story: Campaign finance
Derek Willis, ProPublica

GOLD COIN

Intro to Python frameworks
Ryan Nagle, Institute for Nonprofit News

DENVER I

Creating a Twitter bot with Node.js (repeat session)
Thomas Wilburn, The Seattle Times

DENVER II

R basics: Stats
Olga Pierce, ProPublica

DENVER V

Digging into data for stories: A crash course
*pre-registered attendees only (cont'd)

DENVER VI

Digging into data for stories: A crash course
*pre-registered attendees only (cont'd)

PANELS

COLORADO E

Creating snackable and shareable dataviz
Yvonne Leow, Vox.com; Aaron Williams, The Washington Post

COLORADO F

The year in CAR
Megan Luther & Alex Richards, IRE/NICAR

COLORADO G-J

Scams and schemes
Acton Gorton, University of Illinois; Jeff Kelly Lowenstein, Columbia College Chicago; Nicole Vap, KUSA/9News Denver

DENVER III-IV

Investigating agribusiness: The data and stories behind the untapped field of our food and fuel
Pam Dempsey, The Midwest Center for Investigative Reporting; Peggy Lowe, Harvest Public Media; Nils Mulvad, Kaas & Mulvad

DEMO ROOM

PENROSE

When correlation is causation
Stijin Debrouwere, independent journalist

HANDS-ON

INDEPENDENCE

GitHub 201
Jordan McCullough, GitHub

MATCHLESS

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

MATTIE SILKS

Intro to Python (repeat session)
Anthony DeBarros, DocumentCloud/IRE

GOLD COIN

Machine learning basics
Chase Davis, The New York Times

DENVER I

Build tools and automation for Node.js (repeat session)
Ryan Murphy, The Texas Tribune

DENVER V

Digging into data for stories: A crash course
*pre-registered attendees only (cont'd)

DENVER VI

Digging into data for stories: A crash course
*pre-registered attendees only (cont'd)

8:30 - 10:30 AM

Conference Sales

9 - 10 AM

COLORADO E

Finding U.S. data
Jaimi Dowdell & Megan Luther, IRE/NICAR

COLORADO G-J

Stats primer: Making sense of data
Peter Gade, University of Oklahoma

DENVER III-IV

Election: Sane ways of collecting candidate information
Donny Bridges, The Center for Technology & Civic Life; Eric van Zanten, DataMade

DEMO ROOM

PENROSE

Seeing like a network: Learning how to think about digital security (9 a.m. - 12:30 p.m.)
Quinn Norton, independent journalist

COLORADO A

Open Elections hackathon (9 a.m. - 12:30 p.m.)
Serdar Tumgoren, The Associated Press; Derek Willis, ProPublica

HANDS-ON

MATCHLESS

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

GOLD COIN

Automate and supercharge your social media
Doug Haddix, Kiplinger Program at Ohio State University

DENVER I

R basics: Stats (repeat session)
Ryan Menezes, Los Angeles Times

DENVER II

QGIS I: Importing and displaying geographic data (repeat session)
Alexandra Kanik, MediaShift

DENVER V

Digging into data for stories: A crash course *pre-registered attendees only (cont'd)
IRE/NICAR staff

DENVER VI

Digging into data for stories: A crash course *pre-registered attendees only (cont'd)
IRE/NICAR staff

10:15 - 11:15 AM

COLORADO E

Finding international data
Jonathan Stoneman, independent journalist

COLORADO G-J

Career roundtable
Chase Davis, The New York Times; Jill Riepenhoff, The Columbus Dispatch; Steven Rich, The Washington Post; Stephen Stock, NBC Bay Area; Nicole Vap, KUSA/9News Denver; Chrys Wu, The New York Times; Mark Horvit, IRE/NICAR (moderator)

DENVER III-IV

Don't let the robots win
Liam Andrew & Daniel Craigmile, The Texas Tribune

10:15 - 11:15 AM

DEMO ROOM

PENROSE

Seeing like a network: Learning how to think about digital security (cont'd)

HANDS-ON

MATCHLESS

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

GOLD COIN

Working with the AP Elections API
Sam Cohen & Matt Della Volpe, The Associated Press

DENVER I

Finding the story: Energy
Dan Boyce & Jordan Wirfs-Brock, Inside Energy

DENVER II

QGIS II: Manipulating, editing and analyzing geographic data (repeat session)
David Herzog, IRE/NICAR

DENVER V

Digging into data for stories: A crash course *pre-registered attendees only (cont'd)

DENVER VI

Digging into data for stories: A crash course *pre-registered attendees only (cont'd)

11:30 AM - 12:30 PM

COLORADO E

How to use housing data on any beat
Skylar Olsen, Zillow

DENVER III-IV

Advanced DocumentCloud
Anthony DeBarros, Ted Han & Justin Reese, DocumentCloud/IRE

DEMO ROOM

PENROSE

Seeing like a network: Learning how to think about digital security (cont'd)

HANDS-ON

MATCHLESS

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

GOLD COIN

Advanced OpenRefine: Using regular expressions (repeat session)
Acton Gorton, University of Illinois

DENVER I

Finding the story: Bridges
Liz Lucas, IRE/NICAR

DENVER II

Machine learning basics (repeat session)
Chase Davis, The New York Times

DENVER V

Digging into data for stories: A crash course *pre-registered attendees only (cont'd)

DENVER VI

Digging into data for stories: A crash course *pre-registered attendees only (cont'd)

HOTEL MAP

Lower Level 1

- Homestead
- Gold Coin
- Matchless
- Silverton
- Saratoga
- Independence
- Penrose Ballroom (2, 1)
- Bar
- Restaurant
- Buffet
- Mattie Silks
- Business Center
- UPS

Lower Level 2

- Colorado Ballroom (G, H, I, J, F, E, A, B, C, D)
- Denver Ballroom (2, 3, 1, 4, 5, 6)
- Event Services Registration
- Pre-Function
- Freight Elevator

Lobby Level

- Front Entrance
- Convenience Store
- Front Desk
- Starbucks
- ATM

2nd Floor

- Sales Office
- Spruce
- Fitness Center

3rd Floor

- Nat Hill
- Pomeroy