2009 CAR CONFERENCE INDIANAPOLIS

March 19-22

Welcome to Indianapolis

These difficult times present a great challenge to journalists: Our watchdog role has become more vital even as newsrooms have fewer resources and less time to dig into the crucial issues of the day.

One of the goals at this year's conference is to provide you with the tools and training you need to produce work that digs deeper, provides more context and answers key questions – and to do so as quickly as possible.

We're offering several sessions that will better equip you to cover the economic crisis. Want to track the billions in the government bailout? Want to know how local businesses are faring? Check the schedule for panels that will help you analyze the recession's impact in your community and nationwide.

Other sessions will give you "quick-hit" story ideas and ways to creatively and quickly interact with your audience on the Web. Get ideas on using social-networking sites such as Facebook and MySpace in your reporting. Gain insights to help accomplish longer stories more easily as our speakers show you how they successfully fought for data and resolved difficulties in their analyses.

This year's schedule offers plenty for everyone, from the beginners to the CAR experts in our midst. As always, panel discussions will break down the sources and methods behind the best computer-assisted stories of the past year. Or take a look at how computer programming is shaping the future of online data for news.

We're offering another of our advanced Web Frameworks boot camps, which we launched at the 2008 CAR Conference in Houston. If you weren't able to get a seat, then consider coming to Columbia, Mo., for an expanded version of this program when we hold two back-to-back programming sessions: Web Programming Boot Camp and Web Frameworks. Enroll in one three-day session or both for a complete week of advanced training. To learn more, talk to Database Library Director Jeremy Milarsky or visit www.ire.org/training/bootcamps/webcamp.php.

For beginners, the CAR Mini-Boot Camp will get you up to speed on using spreadsheets and databases. And sessions in our hands-on rooms address the needs of those at all skill levels with sessions on mapping, Web scraping, statistical analysis software, and advanced Access database functions and much more. For a more informal way to check out cool new software and other developments, check out the sessions in the Demo Room.

And join us in celebrating some of the best work of the past year when we present the Philip Meyer Journalism Award winners on Friday. Then help us honor the influential career of CAR pioneer Jim Brown, who about 20 years ago started organizing the first CAR conferences here in Indianapolis, at a reception Saturday evening.

We thank everyone for coming to Indianapolis. We know how great a commitment this weekend was for each of you. Over the next four days, we will honor that commitment by making sure that you leave here better prepared to meet the ever-changing demands of our industry and of the audience that continues to rely on you for information and analysis.

Mark Horvit
Executive Director, Investigative Reporters and Editors

Investigative Reporters and Editors and the National Institute for Computer-Assisted Reporting would like to recognize these organizations for their contributions and support for this conference:

Hosts
Gannett Foundation and *The Indianapolis Star*

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Thanks to the Missouri School of Journalism, which provides space and resources to IRE and NICAR, which is a joint program of IRE and the school.

Fellowships
Congratulations to our 2009 CAR Conference fellows. Thank you to the donors who have sponsored fellowships or contributed to IRE's Endowment drive.

Philip L. Graham Diversity Fellow
This minority fellowship program for professional journalists was established by the Philip L. Graham fund and IRE.

Lee Ann O'Neal, Texas Watchdog, Houston, Texas

Jennifer Leonard Scholarship
For women who have worked in journalism for three years or less or who study journalism, these scholarships were established by IRE member David Cay Johnston to honor his wife, who was the president of the Rochester Area Community Foundation and a national leader in promoting ethical standards for endowments.

Freda R. Moon, freelance, Redondo Beach, Calif.

	Registration	Sales	Fundraising	Exhibitors & Recruiters	Demo Room/ Cyber Cafe
	Lower level foyer	**Lower level foyer**	**Meridian Ballroom foyer**	**Meridian Ballroom foyer**	**Monument Suite**
Thurs.	7:30 a.m.-5 p.m.	7:30 a.m.-5 p.m.	7:30 a.m.-5 p.m.	8 a.m.-5 p.m.	2-5 p.m. (Cyber Cafe only)
Fri.	7:30 a.m.-5 p.m.	7:30 a.m.-5 p.m.	7:30 a.m.-5 p.m.	8 a.m.-5 p.m.	8:30 a.m.-5 p.m.
Sat.	8:30 a.m.-4:30 p.m.	8:30 a.m.-5 p.m.	8:30 a.m.-5 p.m.	8 a.m.-5 p.m.	8:30 a.m.-5 p.m.
Sun.	Closed	8:30-10:30 a.m.	8:30-10:30 a.m.	Closed	Closed

Reprints and Tipsheets

Visit the lower level foyer to pick up copies of some of the top investigative work in the country using computer-assisted techniques, along with extra tipsheets and panel handouts. If you have copies of stories to share, then please contact an IRE staffer in the reprint area. Don't forget that all tipsheets will be available from IRE's Web site and the Resource Center a short time after the conference.

Demo Room and Cyber Cafe (Monument Suite)

Drop in to check out informal discussions about the latest applications for CAR. Today's topics may be essential tools in the not-too-distant future.

Computers are available to check your e-mail on Thursday afternoon, Friday and Saturday.

NICAR Database Library staff will be available throughout the conference to answer questions and demonstrate the many datasets IRE and NICAR make available to journalists.

Wireless Internet

The hotel offers free wireless Internet service in the lobby.

Reminders

Please wear your name tag to all IRE events.
Before you leave the conference, please drop off your name-tag holder at the registration desk. We will recycle them.

Please set cell phones, pagers and PDAs to silent or vibrate while in the sessions. The speakers and fellow attendees will appreciate it.

Please fill out an evaluation.
Your feedback helps us plan future events that meet members' needs. After the conference you will receive an e-mail with a link to complete an online evaluation of the conference. By completing this evaluation, you are entered into a drawing for free registration for the 2010 CAR Conference.

EXHIBITORS

Learn about products and services of interest to journalists. (Meridian Ballroom foyer)

• **Society of Environmental Journalists**

• **Office of Justice Programs**

Philip Meyer Journalism Award Presentation

5-6:30 p.m. Friday, Panorama Ballroom
Reception with light hors d'oeuvres and cash bar
For more on the 2008 winners, see p. 4.

Jim Brown Reception

6 p.m. Saturday, Panorama Ballroom
Co-sponsored by Knight Chair in Investigative Reporting at the University of Illinois and Indiana University School of Journalism
Help us honor the influential career of CAR pioneer Jim Brown.

Jazz Bash

Don't miss the party at The Jazz Kitchen starting at 7:30 on Friday night. This IRE fundraiser, which debuted in Houston this past year, combines great jazz and networking with your CAR-minded colleagues. The Jazz Kitchen has become a hot spot in Indy and offers a mix of local and national talent. It also have a great menu ranging from steaks and seafood to vegetarian and pasta creations. (The Jazz Kitchen, 5377 North College Ave., 317-253-4900, www. thejazzkitchen.com.)

For those who missed the advanced tickets, any remaining tickets will be sold at the conference registration desk for $20. (Price includes two free drinks – beer or wine.)

Friday Lunch Dates

Brown Bag with Media Lawyers

Sponsored by Ice Miller LLP and IRE
12 – 1:50 p.m. Friday, Meridian Ballroom West

Here's your chance for informal Q&A about legal issues with Michael A. Wilkins and David Smallman. Bring your "hypotheticals" and your own lunch. Beverages and desserts will be provided.

Online geographic data

Brown Bag sponsored by ESRI
12 – 1:50 p.m., Friday, Meridian Ballroom Center

ESRI's Clem Henriksen will demonstrate Business Analyst Online, a demographic data service with wide applicability. Using BAO, newspapers and other news outlets can show the geographic impact of news stories on local residents. BAO can also be a self-service attractor to enhance news Web sites. Bring your own lunch; beverages and desserts will be provided.

The Meyer Award is in honor of Philip Meyer, the Knight Chair in Journalism at the University of North Carolina at Chapel Hill. He wrote "Precision Journalism," the seminal 1973 book and subsequent editions that encouraged journalists to incorporate social science methods in journalism.

The Meyer Award recognizes the best uses of social science methods in journalism. The awards will be presented on Friday at 5 p.m. in the Panorama Ballroom. The first-place winner will receive $500; second and third will receive $300 and $200, respectively.

The award is administered by the National Institute for Computer-Assisted Reporting (a joint program of Investigative Reporters and Editors and the Missouri School of Journalism) and the Knight Chair in Journalism at the Walter Cronkite School of Journalism and Mass Communication at Arizona State University.

Investigations by Scripps Howard News Service, The Kansas City Star and *The Philadelphia Inquirer* have been named winners of the 2008 Philip Meyer Journalism Award.

Here are details on the winners:

• **First Place**: Scripps Howard News Service for "Saving Babies: Exposing Sudden Infant Death," Thomas Hargrove, Lee Bowman, Lisa Hoffman

Scripps Howard national reporters Hargrove, Bowman and Hoffman did a masterful job in exposing bureaucratic lapses that hinder the search for causes of sudden infant death. Making good use of strong statistical tools, the team analyzed the sharp differences in cause-of-death diagnoses among the states and produced the first rigorous proof of the value of the local and state child death review boards that only some jurisdictions use. A few months after the project ran, then-U.S. Sen. Barack Obama introduced national legislation that would require medical examiners to conduct death scene investigations in all cases of unexpected infant death.

Drew Endicott/Indy.org

Soldiers & Sailors Monument.

• **Second Place**: *The Kansas City Star* for "Fatal Failures," Mike Casey, Rick Montgomery

Reporters Casey and Montgomery analyzed 1.9 million records from the National Highway Traffic Safety Administration to uncover NHTSA's failure to consider nondeploying airbags as a significant safety issue. The work suggested that nearly 300 people are killed each year in accidents when airbags didn't inflate that should have. Initially, NHTSA strongly disputed the findings, but it finally did its own analysis and came to the same conclusions. This project combined the best of the techniques that Meyer has championed and the investigative mindset that refuses to take no for an answer when the stakes (in this case, life and death) are high.

• **Third Place**: *The Philadelphia Inquirer* for "Too Tough: Tactics in Suburban Policing," Mark Fazlollah, Dylan Purcell, Melissa Dribben, Keith Herbert

The Inquirer's team studied arrest and court data from police departments in the suburbs that surround Philadelphia and found towns where blacks were being arrested in extraordinary numbers for minor offenses such as loitering or jaywalking. Their follow-up reporting uncovered jails where thousands of illegal strip searches were conducted, police dogs were used to control black children walking home from school and traffic citations were filled out in advance of arrests.

The Meyer Award included work published or broadcast between October 2007 and October 2008. Entries were submitted from across the United States and represented work that utilized a variety of social science methods and data analysis. All entries will be archived in the IRE Resource Center.

The contest judges included journalism professors who have extensive experience with computer-assisted reporting techniques and social scientists who are experienced in working with reporters. The judges were:

• Ira Chinoy, professor at the University of Maryland's Philip Merrill College of Journalism and former director of computer-assisted reporting for *The Washington Post.*
• Steve Doig, the Knight Chair in Computer-Assisted Reporting at Arizona State University's Cronkite School of Journalism and formerly associate editor for research at *The Miami Herald.*
• Brant Houston, the Knight Chair for Investigative and Enterprise Reporting at the University of Illinois at Urbana-Champaign and formerly the executive director of Investigative Reporters and Editors.
• Cindy Taeuber, a retired demographic researcher for the U.S. Census Bureau.

The Philip Meyer Journalism Award follows the rules of the IRE Awards in its efforts to avoid conflicts of interest. Work that included any significant role by a member of the IRE Board of Directors or Meyer Award contest judge may not be entered in the contest.

THURSDAY PANELS

Read panel descriptions on pp. 12-15. Class descriptions are listed on p. 15

Guide to sessions: A = Advanced   E= Everyone   I = Intermediate

	Meridian West	Meridian Center	Meridan East	Panorama B
8:30-8:50 a.m.			**Best use of the conference and introduction to CAR (E)** • Jaimi Dowdell, IRE and NICAR • Doug Haddix, IRE and NICAR	
9-9:50 a.m.		**Bridging the gap: From data analysis to programming (I)** • John Perry, *The Atlanta Journal-Constitution* • Derek Willis, *The New York Times*	**Overview of the year in CAR (E)** • Jaimi Dowdell, IRE and NICAR • Doug Haddix, IRE and NICAR	**Caspio Hands-on Boot Camp for existing Caspio Bridge clients (vendor session, sign up to attend)** • Edward Garcia, Caspio Inc.
10-10:50 a.m.	**Advanced Google Maps and the latest in mapping (A)** • Tim Henderson, *The Journal News* (N.Y.) • Michael Corey, *The Des Moines* (Iowa) *Register*	**Creative ways to cover natural and man-made disasters (I)** • Danielle Cervantes, *The San Diego Union-Tribune* • David Herzog, IRE and NICAR • Zack Kucharski, *The* (Cedar Rapids, Iowa) *Gazette*	**Internet tips and tricks (E)** • Carolyn Edds, *St. Petersburg Times* • David Donald, Center for Public Integrity	**Caspio Hands-on Boot Camp for existing Caspio Bridge clients (vendor session, sign up to attend)** • Edward Garcia, Caspio Inc.
11-11:50 a.m.	**The latest in text and database mining (A)** • Chase Davis, *The Des Moines* (Iowa) *Register* • Brant Houston, University of Illinois	**Dissecting a Web site (I)** • Jacob Fenton, *The* (Allentown, Pa.) *Morning Call*	**Interactive journalism (I)** • Brad Heath, *USA Today* • David Heath, *The Seattle Times*	**Caspio Hands-on Boot Camp for existing Caspio Bridge clients (vendor session, sign up to attend)** • Edward Garcia, Caspio Inc.
12-1:50 p.m.	Lunch on your own			
2-2:50 p.m.	**Stats for stories (A)** • Jennifer LaFleur, ProPublica • David Donald, Center for Public Integrity	**Web development at newsroom speed (A)** • Daniel Lathrop, *Seattle Post-Intelligencer*	**Essential data for every newsroom (E)** • Ben Poston, *Milwaukee Journal Sentinel* • Anne Saul, Gannett Co. Inc.	**Caspio Hands-on Boot Camp for existing Caspio Bridge clients (vendor session, sign up to attend)** • Edward Garcia, Caspio Inc.
3-3:50 p.m.	**New directions in GPS and GIS (A)** • Josh Overton, 39 Degrees North • Matthew Waite, *St. Petersburg Times*	**Social science methods (I)** • Stan Ketterer, Oklahoma State University • David Donald, Center for Public Integrity	**Programming basics (I)** • Jeremy Milarsky, IRE and NICAR • Daniel Lathrop, *Seattle Post-Intelligencer*	**Caspio Hands-on Boot Camp for existing Caspio Bridge clients (vendor session, sign up to attend)** • Edward Garcia, Caspio Inc.
4-4:50 p.m.	**Pushing the envelope (A)** • Chase Davis, *The Des Moines* (Iowa) *Register* • Matthew Waite, *St. Petersburg Times*	**Web scraping (A)** • John Perry, *The Atlanta Journal-Constitution* • Jeremy Milarsky, IRE and NICAR	**Social network analysis (I)** • Tommy Kaas, Kaas & Mulvad • Aaron Kessler, *Sarasota* (Fla.) *Herald-Tribune*	**Caspio Hands-on Boot Camp for existing Caspio Bridge clients (vendor session, sign up to attend)** • Edward Garcia, Caspio Inc.

FRIDAY PANELS

Guide to sessions: A = Advanced   E= Everyone   I = Intermediate

	Meridian West	Meridian Center	Meridan East	Monument Suite Demo Room
8:30-8:50 a.m.			**Best use of the conference and introduction to CAR (E)** • Jaimi Dowdell, IRE and NICAR • Doug Haddix, IRE and NICAR	
9-9:50 a.m.	**Mashups and Web mapping on the fly (A)** • Tommy Kaas, Kaas & Mulvad • Charlie Szymanski, *Sarasota* (Fla.) *Herald-Tribune*	**Creating your own dynamic databases (A)** • Mark Nichols, *The Indianapolis Star* • Bob Segall, WTHR-Indianapolis	**Forensic CAR for covering crime (E)** • Brad Branan, *The Fresno* (Calif.) *Bee* • Daniel Lathrop, *Seattle Post-Intelligencer*	**The elaboration model (A)** • Stan Ketterer, Oklahoma State University
10-10:50 a.m.	**Exploratory visualization (A)** • Sarah Cohen, *The Washington Post* • Chase Davis, *The Des Moines* (Iowa) *Register*	**Using CAR to cover the financial crisis (I)** • Wendell Cochran, American University • Maurice Tamman, *The Wall Street Journal*	**Bulletproofing your data-based stories (E)** • Ken McCall, *Dayton* (Ohio) *Daily News* • Jennifer LaFleur, ProPublica	**Expanding Excel and Access capabilities with programming (A)** • Phil Harbord, CBC
11-11:50 a.m.	**Open source alternatives (I)** • Derek Willis, *The New York Times*	**Geodata tsunami (I)** • Clem Henriksen, ESRI • David Herzog, IRE and NICAR	**Using CAR in broadcast stories (E)** • Mark Greenblatt, KHOU-Houston • Lawan Williams, E.W. Scripps	**The nuts and bolts of social network analysis (I)** • Jaimi Dowdell, IRE and NICAR
12-1:50 p.m.	**Brown Bag with Media Lawyers, Sponsored by Ice Miller LLP and IRE** • David Smallman, Smallman & Hans LLP • Mike Wilkins, Ice Miller LLP	**Online Demographic Data – Brown Bag Sponsored by ESRI** • Clem Henriksen, ESRI	or Lunch on your own	
2-2:50 p.m.	**From database to story: A step-by-step guide (E)** • Phil Harbord, CBC • David McKie, CBC	**What's next in housing? CAR for real estate (I)** • Jason Grotto, *Chicago Tribune* • Aaron Kessler, *Sarasota* (Fla.) *Herald-Tribune*	**Open door for data? Changes in FOI policy and how they affect you (E)** • David Smallman, Smallman & Hans LLP • Mike Wilkins, Ice Miller LLP	**Open mapping discussion with ESRI (E)** • Clem Henriksen, ESRI
3-3:50 p.m.	**Harvesting farm subsidy data (I)** • Sarah Cohen, *The Washington Post* • Dan Stockman, *The Journal Gazette*	**Higher education: Measuring performance from the classroom to the locker room (Sponsored by Lumina Foundation for Education)** (E) • Holly Hacker, *The Dallas Morning News* • Jodi Upton, *USA Today*	**Mining Census data and preparing for 2010 (E)** • Steve Doig, Arizona State University • Paul Overberg, *USA Today*	**From database to story II (E)** • Phil Harbord, CBC • David McKie, CBC
4-4:50 p.m.	**Hyperlocal data (I)** • Adrian Holovaty, Everyblock • Mark Nichols, *The Indianapolis Star*	**Deconstructing test scores (I)** • Jack Gillum, *USA Today* • Darnell Little, *Chicago Tribune*	**Pesticides and Pollution (I)** • Brad Heath, *USA Today* • Michael Pell, Center for Public Integrity	**BTS data to track air carriers (I)** • Alex Richards, *Las Vegas Sun*

Library	Illinois	Ohio	Panorama A	Panorama B
Downloading and analysis with ACS data (E) • Paul Overberg, *USA Today*	**Introduction to MySQL (A)** • Darnell Little, *Chicago Tribune*	**Web scraping 1 (I)** Daniel Lathrop, *Seattle Post-Intelligencer* • John Perry, *The Atlanta Journal-Constitution*	**Excel 1 (E)** • Kevin Crowe, *St. Louis Post-Dispatch*	**Mapping 1 (I)** • Justin Mayo, *The Seattle Times*
PDF to Excel (E) • Alex Richards, *Las Vegas Sun*	**Searching the deep Web (A)** • Carolyn Edds, *St. Petersburg Times*	**Web scraping 2 (I)** • Daniel Lathrop, *Seattle Post-Intelligencer* • John Perry, *The Atlanta Journal-Constitution*	**Excel 2 (E)** • Griff Palmer, *The New York Times*	**Mapping 2 (I)** • Brad Branan, *The Fresno (Calif.) Bee*
Backgrounding people and business (E) • Cheryl Phillips, *The Seattle Times*	**Excel as a statistics package (I)** • Steve Doig, Arizona State University	**Google maps (I)** • Jeremy Milarsky, IRE and NICAR	**Excel 3 (E)** • Ken McCall, *Dayton (Ohio) Daily News*	**Mapping 3 (I)** • Brad Heath, *USA Today*
Excel 1 (CAR Mini-Boot Camp) • Mark Greenblatt, KHOU-Houston	**Intro to Django and frameworks (Web Frameworks boot camp)** • Matthew Waite, *St. Petersburg Times* • Chase Davis, *The Des Moines (Iowa) Register*	**Advanced Google maps (A)** • Michael Corey, *The Des Moines (Iowa) Register*	**Excel 1 (CAR Mini-Boot Camp) (E)** • Dan Stockman, *The Journal Gazette*	**Mapping 4 (A)** • David Herzog, IRE and NICAR
Excel 2 (CAR Mini-Boot Camp) • Darnell Little, *Chicago Tribune*	**Objects, Models and the ORM (Web Frameworks boot camp)** • Chase Davis, *The Des Moines (Iowa) Register* • Matthew Waite, *St. Petersburg Times*	**String functions - Access (I)** • David Knox, *Akron (Ohio) Beacon Journal*	**Excel 2 (CAR Mini-Boot Camp) (E)** • Ryan McNeill, *The Dallas Morning News*	**Mapping 5 (A)** • Jennifer LaFleur, ProPublica
Importing data into Excel (CAR Mini-Boot Camp) • David Heath, *The Seattle Times*	**Prepping your data (Web Frameworks boot camp)** • Chase Davis, *The Des Moines (Iowa) Register* • Matthew Waite, *St. Petersburg Times*	**Access functions and other tools (I)** • David Milliron, Caspio Inc.	**Importing data into Excel (CAR Mini-Boot Camp)** • Ben Poston, *Milwaukee Journal Sentinel*	**Social Network Analysis (A)** • Jaimi Dowdell, IRE and NICAR

SATURDAY PANELS

Guide to sessions: A = Advanced   E= Everyone   I = Intermediate

	Meridian West	Meridian Center	Meridan East	Monument Suite Demo Room
9-9:50 a.m.	**Watchdogging government spending (I)** • Andy Lehren, *The New York Times* • Ryan McNeill, *The Dallas Morning News*	**CAR on campus (Sponsored by Lumina Foundation for Education) (I)** • James Brown, IU School of Journalism • Wendell Cochran, American University • Suzanne McBride, Columbia College (Chicago) • Fred Vallance-Jones, University of King's College	**Digging deep to find data on the Web (E)** • Carolyn Edds, *St. Petersburg Times* • Nora Paul, Institute for Media Studies	**How to use the BLS Web site like a pro (E)** • Paul M. LaPorte, U.S. Bureau of Labor Statistics
10-10:50 a.m.	**Following the money: From grade school through college (Sponsored by Lumina Foundation for Education) (E)** • Jeff Brainard, *Chronicle of Higher Education* • Jeff Kelly Lowenstein, Chicago Reporter	**Dissecting the recession for local impact (I)** • David Knox, *Akron* (Ohio) *Beacon Journal* • Ted Mellnik, *The Charlotte* (N.C.) *Observer*	**Writing and editing the CAR story (E)** • Mark Horvit, IRE and NICAR • Cheryl Phillips, *The Seattle Times*	**Cool tools from the NCSA (A)** • Brant Houston, University of Illinois • Jennifer LaFleur, ProPublica
11-11:50 a.m.	**Mining Facebook, MySpace and other social sites (I)** • Kelly Guckian, *San Antonio* (Texas) *Express-News* • James Pilcher, *The Cincinnati Enquirer*	**Beyond agate: Real sports stats (I)** • Jodi Upton, *USA Today* • Wayne Winston, Indiana University	**Quick-hit CAR: Impress your editor or producer in a week or less (E)** • Jaimi Dowdell, IRE and NICAR • Justin Mayo, *The Seattle Times*	**Getting the most from your IRE membership** • Mark Horvit, IRE and NICAR • John Green, IRE and NICAR
12-1:50 p.m.	Lunch on your own			
2-2:50 p.m.	**Computational journalism and new opportunities (I)** • Jay Hamilton, Duke University • Brant Houston, University of Illinois	**Meds and mortality (E)** • Thomas Hargrove, Scripps Howard News Service • Alex Richards, *Las Vegas Sun*	**Negotiating for data/FOI (E)** • Jaimi Dowdell, IRE and NICAR • Dan O'Neil, Everyblock	**Openkapow: Scraping the Web (I)** • Nils Mulvad, Kaas & Mulvad
3-3:50 p.m.	**Covering TARP, stimulus and federal appropriations** • Ron Nixon, *The New York Times*	**Spycraft: Keeping your sources and your secrets safe from prying eyes (E)** • Steve Doig, Arizona State University	**The data you need from Europe (E)** • Helena Bengtsson, Sveriges Television • Nils Mulvad, Kaas & Mulvad	
4-4:50 p.m.	**Creative uses of election data (I)** • Bill Allison, Sunlight Foundation • Griff Palmer, *The New York Times*	**Ethics of putting data online (I)** • Adrian Holovaty, Everyblock • David Milliron, Caspio Inc. • Nora Paul, Institute for Media Studies • Steve Doig, Arizona State University	**Toxic CAR (E)** • Michael Grabell, ProPublica • Michael Hawthorne, *Chicago Tribune*	**Delving into death (I)** • Thomas Hargrove, Scripps Howard News Service
5-5:50 p.m.		**The past and future in CAR: A look at where we have been and what's next (E)** • James Brown, IU School of Journalism • Steve Doig, Arizona State University • Brant Houston, University of Illinois		

Library	Illinois	Ohio	Panorama A	Panorama B
PDF to Excel (E) • Gregory Korte, *The Cincinnati Enquirer*		**SPSS 1 (A)** • Ken McCall, *Dayton* (Ohio) *Daily News*	**Access 1 (E)** • Jack Gillum, *USA Today*	**Finding and downloading data online (E)** • Paul Overberg, *USA Today*
String functions - Access (I) • Andy Lehren, *The New York Times*		**SPSS 2 (A)** • Stan Ketterer, Oklahoma State University	**Access 2 (E)** • Sarah Okeson, *Charlotte* (N.C.) *Business Journal*	**Cleaning data found online (I)** • Alex Richards, *Las Vegas Sun*
Access functions and other tools (I) • David Milliron, Caspio Inc.		**SPSS 3 (A)** • David Donald, Center for Public Integrity	**Access 3 (E)** • Fred Vallance-Jones, University of King's College	**Backgrounding people and businesses (E)** • Nora Paul, Institute for Media Studies
Moving into Access (CAR Mini-Boot Camp) • David McKie, CBC	**Using the ORM to get data (Web Frameworks boot camp)** • Chase Davis, *The Des Moines* (Iowa) *Register* • Matthew Waite, *St. Petersburg Times*	**SPSS 4 (A)** • Jennifer LaFleur, ProPublica	**Moving into Access (CAR Mini-Boot Camp)** • David Knox, *Akron* (Ohio) *Beacon Journal*	**Advanced Excel functions (A)** • Wayne Winston, Indiana University
Access 2 (CAR Mini-Boot Camp) • Aaron Kessler, *Sarasota* (Fla.) *Herald-Tribune*	**Design by URL (Web Frameworks boot camp)** • Chase Davis, *The Des Moines* (Iowa) *Register* • Matthew Waite, *St. Petersburg Times*	**Mapping 1 (E)** • Ben Poston, *Milwaukee Journal Sentinel*	**Access 2 (CAR Mini-Boot Camp)** • David Heath, *The Seattle Times*	**Google Maps (E)** • Michael Corey, *The Des Moines* (Iowa) *Register*
Access 3 (CAR Mini-Boot Camp) • Ted Mellnik, *The Charlotte* (N.C.) *Observer*	**Views (Web Frameworks boot camp)** • Chase Davis, *The Des Moines* (Iowa) *Register* • Matthew Waite, *St. Petersburg Times*	**Mapping 2 (E)** • Doug Haddix, IRE and NICAR	**Access 3 (CAR Mini-Boot Camp)** • David Donald, Center for Public Integrity	**Web scraping 1 (I)** • Daniel Lathrop, *Seattle Post-Intelligencer*

SUNDAY PANELS & CLASSES

Read panel descriptions on pp. 12-15. Class descriptions are listed on p. 15

Guide to sessions: A = Advanced   E= Everyone   I = Intermediate

	Meridian Center	Meridan East	Panorama A	Panorama B	Library	Illinois
9-9:50 a.m.	**CAR in the classroom (E)** • Dan Close, Wichita State University • Brant Houston, University of Illinois • Gerry Lanosga, Indiana University • Suzanne McBride, Columbia College (Chicago)	**Storyboarding your ideas: Open discussion (E)** • Doug Haddix, IRE and NICAR	**Building your own database (CAR Mini-Boot Camp)** • David Donald, Center for Public Integrity	**Caspio Hands-on Mini-Boot Camp - Fast Track for Educators (Vendor session, sign up to attend)** • Edward Garcia, Caspio Inc.	**Building your own database (CAR Mini-Boot Camp)** • Jeremy Milarsky, IRE and NICAR	**Templates (Web Frameworks boot camp)** • Chase Davis, *The Des Moines* (Iowa) *Register* • Matthew Waite, *St. Petersburg Times*
10-10:50 a.m.	**Internet tips and tricks (E)** • Jaimi Dowdell, IRE and NICAR	**Making your personal battle plan (E)** • Doug Haddix, IRE and NICAR	**Final Q&A (CAR Mini-Boot Camp)** • David Donald, Center for Public Integrity	**Caspio Hands-on Mini-Boot Camp - Fast Track for Educators (Vendor session, sign up to attend)** • Edward Garcia, Caspio Inc.	**Final Q&A (CAR Mini-Boot Camp)** • Jeremy Milarsky, IRE and NICAR	**Wrap up, show off (Web Frameworks boot camp)** Chase Davis, *The Des Moines* (Iowa) *Register* Matthew Waite, *St. Petersburg Times*
11-11:50 a.m.				**Caspio Hands-on Mini-Boot Camp - Fast Track for Educators (Vendor session, sign up to attend)** • Edward Garcia, Caspio Inc.		

IRE Hands-on Classes

Classes are available on a first-come, first-served basis. There is no pre-registration required for hands-on classes, except for CAR Mini-Boot Camp and Web Frameworks Boot Camp classes (see hands-on class descriptions on p. 15).

CAR Mini Boot Camp

The popular CAR Mini-Boot Camp offers an introduction to computer-assisted reporting, based on IRE and NICAR's popular six-day CAR Boot Camps. The CAR Mini-Boot Camp provides 10 hours of hands-on instruction in Internet, Microsoft Excel spreadsheets, Access database manager, insights on how to apply CAR in news stories and beats, plus opportunities to practice in open lab and ask questions of veteran instructors. This option is limited to 36 pre-registered participants.

If you signed up for the CAR Mini-Boot Camp, then you will be assigned to a red or green team. (The red or green dot on your nametag is a reminder). The Red Team will attend hands-on classes in Panorama A; the Green Team meets in the Library. See items marked "CAR Mini-Boot Camp" in the schedule. See class descriptions on p. 15.

Web Frameworks Advanced Boot Camp

An intensive series of hands-on classes designed to take you from the basics to a fully functioning data-driven application in Django, the Web framework that drives award-winning projects like EveryBlock, PolitiFact and *The Washington Post's* congressional votes database. All hands-on classes for the Web Frameworks Advanced Boot Camp will be held in the Illinois Room. See items marked "Web Frameworks Boot Camp" in the schedule. Class descriptions are on p. 15.

Indy.org

White River Gardens

Vendor Sessions

Education Track Sponsored by Lumina Foundation for Education

Higher education: Measuring performance from the classroom to the locker room
3 p.m., Friday, Meridian Ballroom Central
Learn how to find data that will help you dig into everything from graduation rates to the football team at your local college or university.

CAR on campus
9 a.m., Saturday, Meridian Ballroom Center
Veteran educators share their techniques for teaching a successful CAR class. You'll get tips on what to include, how to structure assignments, suggestions on data students can use when producing stories on campus, as well as copies of recent syllabi.

Following the money: From grade school through college
10 a.m. Saturday, Meridian Ballroom West
The session will include a discussion of the multiple levels of inequity that result from relying primarily on local property tax for elementary and secondary school funding. It also will cover information about data for investigating the finances of colleges and universities, including compensation for administrators and faculty; spending on instruction and athletics programs; endowments; and federal lobbying, earmarks, and grants.

Hands-on training by Caspio

Caspio Hands-on Boot Camp for existing Caspio Bridge clients
9 a.m. – 4:30 p.m., Thursday, Panorama B
Caspio will offer a free day-Long Boot Camp for existing Caspio Bridge clients. The hands-on classes will provide in-depth training to empower participants with the latest tools and insights to create complete end-to-end Web applications efficiently and maintain them with ease. Attendees will learn best practices and understand common pitfalls. There is no extra charge, but seating is limited to 18 attendees on a first-come, first-served basis. Participants will need to be pre-registered for this training.

Caspio Hands-on Mini-Boot Camp - Fast Track for Educators
9 a.m. – Noon, Sunday, Panorama B
Caspio will also offer a Fast Track for Educators that includes accelerated session topics for those interested in using Caspio Bridge in the classroom. There is no extra charge, but seating is limited. Participants will need to be pre-registered for this training.

THURSDAY

8:30 to 8:50 a.m.

Best use of the conference and introduction to CAR - This session is a must for those new to computer-assisted reporting or the CAR conference. IRE staff will explain the key components of CAR and help you determine how you can get the most out of your conference experience. (E)

9 to 9:50 a.m.

Overview of the year in CAR - What were the big stories of the year? What were the most creative uses of data analysis? See what your colleagues have been up to and pick up some story ideas at the same time. (E)

Bridging the gap - From data analysis to programming - It seems like so many journalists are learning how to use programming languages. From Perl to Ruby to Django, come see what the fuss is all about. Experienced journalists and programmers will explain why a journalists might want to pick up a programming language to help them with their daily data and reporting tasks. (I)

10 to 10:50 a.m.

Internet tips and tricks - If you're like most journalists, the Web has become one of your favorite places to go for backgrounding, digging and tip seeking. Imagine how much is out there that you haven't heard about. With a careful strategy and knowing where to look, you can make your time online more effective and efficient. This session will help you do all these things and point you to the latest sites you never knew you couldn't live without. (E)

Creative ways to cover natural and man-made disasters - From fires to floods to landslides, disasters are a big local story. Learn how you can dig into these by using electronic records that can be analyzed with spreadsheet, database and mapping software. (I)

Advanced Google Maps and the latest in mapping - You want to create a mashup that allows more interactivity for your users. You want to create an online map that allows your audience to explore the devastation of a tornado in a small town. You want to push the limits of what you are currently doing with your GIS software. This session will show you what's possible and demonstrate how you can step up your mapping presence online and in the newsroom. (A)

Rich Clark/Indy.org

The Indianapolis Artsgarden.

11 to 11:50 a.m.

Dissecting a Web site - Get at the nuts and bolts of a site by picking it apart piece by piece. The information you uncover can tell you who created the site and how it was constructed. This knowledge can help you better understand what the site contains and can give you some basic knowledge you need for scraping. (I)

Interactive journalism - Don't just tell your readers about the government waste you know about – let them find it for themselves. Don't tell them the air outside schools is bad – let them see how their school stacks up. From the simplest interactive graphics to detailed online databases, this session will help you find ways to connect with readers. (I)

The latest in text and database mining - We're used to working with data in rows and columns, but some of the best and most useful data is stored in free text. This session will explore the tools and concepts behind extracting and analyzing data from documents: entity extraction, sentiment and topic analysis, word frequencies and more. (A)

2 to 2:50 p.m.

Essential data for every newsroom - A plane crashes in your coverage area; a train hauling a dangerous chemical derails; the mayor resigns after scandalous accusations – scenarios like these happen and you need to be ready to offer watchdog coverage that no one else can provide. Certain databases prove indispensible when you need to offer context and depth to a news story; find out what data your newsroom shouldn't be left without. (I)

Web development at newsroom speed - Changes in the Web happen so fast, it's hard to know how to stay on the cutting edge. Explore what your newsroom needs and how to efficiently build and adapt. (A)

Stats for stories - See the death-defying high ladder act. Learn what tools go with what sorts of data. From medians and modes to statistical tools such as regression, we'll discuss when and how to use them. But don't run with scissors. We'll show you how to keep out of stats trouble and wrap up with suggestions for learning more about stats during the conference. (A)

3 to 3:50 p.m.

Social science methods - Learn how social science methods can inform daily Web content to deeper data analysis for stories. CAR experts often face simple social science questions from editors and reporters – for example, is a survey scientific? Or sometimes it's a complex problem, such as how some variables in the data affect others and how can you tell? This panel will cover both problems and demonstrate the Elaboration Model. (I)

New directions in Mapping - GIS work is being melded more than ever with new tools, mobile devices and databases back in the office and on the Web. This panel will look at new ventures such as location analytics and screen analysis that bring together field work with data analysis on-site and off-site. (A)

Programming basics - Ever had a text file that just won't cooperate with your spreadsheet or database manager's Text Import Wizard? Ever wonder the easiest ways to get your data on the Web so your audience can better understand your story? Going beyond the technical details, this panel shows how programming skills can be a valuable tool for serious CAR experts. (I)

4 to 4:50 p.m.

Web scraping - You've discovered that the local government has posted a searchable database online. Although the search is nifty, you'd like to be able to analyze the entire database yourself. Repeated open records requests and negotiations are denied because, officials claim, the data is already available. You decide the only thing left to do is take the information yourself by scraping it from their site. This session will provide a basic understanding of what you need to know to effectively grab information from the Internet. (A)

Social network analysis - From terrorists to fraudsters to property flippers, social network analysis can help your investigation by allowing you to see connections between individuals and organizations. Uncover relationships you didn't know existed and show your audience graphic representations of links you've documented. This session will serve as an introduction to social network analysis and get users up to speed on the best ways to start using the method in their newsrooms. (I)

Pushing the envelope - Spreadsheets. Database analysis. Even GIS. These tools have become commonplace in the CAR world. But what's next? This session explores unconventional tools and techniques that will expand our capabilities as CAR reporters. (A)

FRIDAY

8:30 to 8:50 a.m.

Best use of the conference and introduction to CAR - This session is a must for those new to computer-assisted reporting or the CAR conference. IRE staff will explain the key components of CAR and help you determine how you can get the most out of your conference experience. (E)

9 to 9:50 a.m.

Creating your own dynamic databases - Learn how to bring data out of the shadows and into your readers' and viewers' hands. Databases used to be considered a hidden "backbone" to a good story, but they can be a story all by themselves and a great way to drive traffic to your Web site. We'll discuss when and how to create your own databases, how to motivate government agencies to create electronic data, and how journalists can turn this into compelling, interactive Web content. (A)

Forensic CAR for covering crime - How can you use data to really get at what's going on behind the basic crime statistics? (E)

Mashups and Web mapping on the fly - It doesn't have to be difficult or take a long time to create professional-looking, interactive maps that your audience will love. This session will provide you a nuts-and-bolts look at getting data into a map and online fast. (A)

The elaboration model - (Demo Room) How to use this research technique to measure the affect of outside variables. (A)

10 to 10:50 a.m.

Using CAR to cover the financial crisis - There's a ton of data you can use to help you better understand what's happening with banks in your community. This panel will show you some of the data and some ways it has been used by reporters covering the crisis. (I)

Bulletproofing your data-based stories - Almost every dataset has potholes. The trick is to find them before you fall in. Whether you're building your own database or working with someone else's, there are steps you can take to make sure your final analysis is sound. From finding the right methodology to integrity-checking your data, we've gathered tips from folks around the country on how to bulletproof your stories. (E)

Exploratory visualization - Beyond helping readers understand data, visualization tools help journalists spot patterns that can inform their reporting. Learn how to use common software tools to create quick and dirty graphics that help make sense of out large sets of data. (A)

Expanding Excel and Access capabilities with programming - (Demo Room) Phil Harbord introduces Excel's User Defined Functions and how they can expand its utility for dealing with data. He will briefly explain simple VBA programs for those who wish to learn how to create their own. A selection of small data manipulation functions will be also made available. (I)

11 to 11:50 a.m.

Open source alternatives - We'll discuss and show off some free or low-cost alternatives to commercial software used for CAR work. Some likely topics: database servers, mapping applications and optical character recognition, or OCR, software. (I)

Using CAR in broadcast stories - Learn how you can uncover powerful data-driven stories, produce them creatively for broadcast, and share the data online with viewers to help spike your Web traffic and keep your job safe. (E)

The nuts and bolts of social network analysis - (Demo Room) One of the hurdles to using social network analysis is simply preparing the data and getting it into the software. Find out how to move data from spreadsheet, database or text file into social network analysis software UCINET. This session will also demonstrate some simple analysis and graphing. (I)

Geodata tsunami - Journalists live in a world awash in mappable data that helps tell the story. Learn how to navigate that sea and find data for your GIS or mashup. Catch up on data trends that you can use. (I)

12 to 1:50 p.m.

Brown Bag with Media Lawyers, Sponsored by Ice Miller LLP and IRE - Here's your chance for informal Q&A about legal issues with Michael A. Wilkins and David Smallman. Bring your "hypotheticals" and your own lunch. Beverages and desserts will be provided.

Online Demographic Data – Brown Bag Sponsored by ESRI - Henriksen will demonstrate Business Analyst Online (BAO), a demographic data service with wide applicability. Using BAO, newspapers and other news outlets can show the geographic impact of news stories on local residents. BAO can also be a self-service attractor to enhance news Web sites.

2 to 2:50 p.m.

Open mapping discussion with ESRI - (Demo Room) (E)

Open door for data? - Changes in FOI policy and how they affect you - Everyone is waiting to see if the new administration will actually mean improvements in federal Freedom of Information Act policy. Find out everything you need to know about openness in the federal government, as well as Indiana agencies. (E)

From database to story: A step-by-step guide - You've finally got the database you've been waiting on for months. You're excited to get to work, but you're not quite sure how to get started. How do you move from point A to getting the finished watchdog product? Presenters will offer a case study by using OSHA worker safety data to demonstrate how you methodically work with the data and craft it into a solid story. (E)

What's next in housing? CAR for real estate - From mortgage fraud and flipping schemes to contaminated building materials, the real estate market is rife with problems worth investigating in your community. And with massive federal bailouts in the works aimed at stemming foreclosures, learn how to track your region's housing pain and size up whether the new programs are likely to help. (I)

3 to 3:50 p.m.

From database to story II - (Demo Room) This session will build on earlier panel, "From database to story" (2 p.m. Friday, Meridian West). Presenters will dig deeper to show you the queries and techniques necessary to move from data to a solid story. They will demonstrate how to obtain census data such as workforce statistics to look at trends such as accident rates. Data clean-up techniques will also be discussed. Upon conclusion of these sessions, attendees should have an idea of how to turn OSHA data into a story relevant to their coverage areas. (E)

Harvesting farm subsidy data - The U.S. government gave away more than $95 billion in agricultural subsidies in five years, of which *Washington Post* reporters found one dollar of every six was wasteful, unnecessary or redundant. Learn how to track the spending in your area, find "farms" in urban settings, "farmers" that don't farm, and how to do the investigation on a shoestring. (I)

Mining census data and preparing for 2010 - There's the every-year "census" — the American Community Survey — and the real deal Census 2010. Which do you use for what? How do they work together? What's the schedule for each? Get a quick primer on two critical tools to understand and cover any community. (E)

Higher education: Measuring performance from the classroom to the locker room (Sponsored by Lumina Foundation for Education) - Measuring performance from the classroom to the locker room Learn how to find data that will help you dig into everything from graduation rates to the football team at your local college or university. (I)

4 to 4:50 p.m.

BTS data to track air carriers - (Demo Room) A look at Bureau of Transportation databases that track the timeliness, volume and cost of commercial airlines flights and how to they can be used for print reporting and on the web. (I)

Hyperlocal data - Crime statistics, restaurant inspections, real estate transactions, salaries and more. Data offerings online are allowing people to dig deep to find information about their own neighborhoods and even their neighbors. Presenters will offer tips for dealing with local data, best practices for presentation and explain why you might want to consider doing something similar in your own newsroom. (I)

Deconstructing test scores - Each year, education reporters must grapple with the huge amount of data released by state agencies or school districts. Reporters Jack Gillum and Darnell Little discuss tips and techniques for mining education data to find the most pertinent, interesting and relevant stories buried beneath the numbers. (I)

Pesticides and pollution - Whether people are exposed to harmful pesticides or toxic pollution drifts through the air, chances are the government has data that can help track the patterns. The information is local, relevant, and, usually, easy to get. This session will help you find what you need to explore environmental issues. (I)

PANEL DESCRIPTIONS

SATURDAY

9 to 9:50 a.m.

CAR on campus (Sponsored by Lumina Foundation for Education) - Veteran educators share their techniques for teaching a successful CAR class. You'll get tips on what to include, how to structure assignments, suggestions on data students can use when producing stories on campus, as well as copies of recent syllabi. (I)

Watchdogging government spending - From retirement boards to government travel, waste is everywhere. Learn how you can find the data and dig deeper to follow the money at any level of government. (E)

How to Use the BLS Web Site Like a Pro - (Demo Room) (E)

Digging deep to find data on the Web - The Web is one of the first places we go to for information, but so much of it is hidden deep beyond search engines' eyes. This session will highlight strategies for finding data that can't be found with a simple Google search and will point you to the best sites for tracking down electronic information. (E)

10 to 10:50 a.m.

Cool tools from the NCSA (Demo Room) A team of journalists is working with the National Center for Supercomputing Applications to come up with better solutions for text-mining, data-mining and visualization of information. This will be a quick tour of the first stages of the project. (A)

Dissecting the recession for local impact - A survey of the best data sources and methods for measuring the economic health of your community and new ways of reaching readers through interactive maps, charts and other Web features. (I)

Writing and editing the CAR story - You've crunched the numbers and have what look like dynamite results. How do you translate the analysis into a compelling story? How can you make sure that the story is bulletproof? And how do you determine the best uses for that data on your Web site? (E)

Following the money: From grade school through college (Sponsored by Lumina Foundation for Education) - The session will include a discussion of the multiple levels of inequity that result from relying primarily on local property tax for elementary and secondary school funding. It also will cover information about data for investigating the finances of colleges and universities, including compensation for administrators and faculty; spending on instruction and athletics programs; endowments; and federal lobbying, earmarks, and grants. (E)

11 to 11:50 a.m.

Quick-hit CAR: Impress your editor or producer in a week or less - Time is rarely an abundant resource in a newsroom, but don't let that get in your way of doing great work. This session will offer tips, tricks and strategies for doing quality journalism that incorporates CAR quickly and can help you get noticed in the newsroom. You'll leave with story ideas for any size newsroom and for all sized markets. (E)

Mining Facebook, MySpace and other social sites - By now, everyone – and her mother – has at least heard of Facebook, Twitter, MySpace, LinkedIn and other social media trends. But how can journalists use these powerful tools to build sources and gather information? And how can they be used to further stories, help push our brands (both personal and that of your news outlet), and expand the conversation beyond traditional media? Our panelists look at who is using such tools, what the numbers are, and share success stories. (I)

Beyond agate: Real sports stats - Kick your sports coverage up a notch by offering your audience sports analysis that matter. Presenters will explain how professional teams use math to rate players, lineups and determine in-game strategy. Learn how the BCS works and how to rate teams then put the statistics to work in your own newsroom. (I)

Getting the most from IRE membership - (Demo Room) Ever wonder why a reporter or editor in your newsroom always seems so magical -- always knows just what software to use, has the best story ideas and always seems a step ahead of everyone else. The secret: IRE membership. Learn how your IRE membership can provide the information and professional network you need to do your best work. (E)

2 to 2:50 p.m.

Meds and mortality - A look at how data can help you cover important health issues from death and suicide to prescription narcotic abuse. This panel will explore using the U.S. Centers for Disease Control's Multiple Cause of Death file and local Coroner/Medical Examiner records to study anything fatal in your community. The presenters give a hands-on demonstration of these powerful and under-used datasets. (E)

Negotiating for data/FOI - The facts: The data is available and it's just what you need. The problem: The government agency doesn't want to give it up. Learn how to finesse data from officials whether you need it once or plan on updating it regularly by finding the right people to talk to, figuring out what is currently and technically possible, understanding limitations and fashioning reasonable records requests that still apply pressure while maintaining good relationships with officials. (E)

Openkapow: Scraping the Web - (Demo Room) Get your fishing nets ready! Learn how to scrape large databases from the Internet — without programming — using a free software tool. (I)

Computational journalism and new opportunities - Offering better algorithms and quicker transfer of knowledge from social sciences, computational journalism intends to take CAR to the next level. This evolving field will expand watchdog reporting by generating more electronic tips, developing "synthetic stories," and further personalizing stories of how public policy impacts people's lives. (I)

3 to 3:50 p.m.

The data you need from Europe - This session will focus on how U.S. journalists can get access to databases in the European Union and other European countries. For example, lobbying and voting data from the EU-parliament, new rules for accessing data on all kinds of subsidies and environmental data and an overview on statistical sources and downloadable data. Learn about the new European network on FOI. (E)

Spycraft: Keeping your sources and your secrets safe from prying eyes - This session will cover the use of cryptography, spoofing caller ID, anonymous e-mail, throwaway phones, steganography (that's not a typo) and other covert techniques for communicating with sources without leaving a trail. (E)

Covering TARP, stimulus and federal appropriations - This panel will describe the documents, databases and other materials you need to cover the impact of TARP, the federal stimulus package and federal appropriations on your community. (I)

4 to 4:50 p.m.

Toxic CAR - Michael Grabell will talk about the Dallas Morning News' "Toxic Neighbors" series, which mapped EPA and state data to show how local leaders had allowed plants and warehouses to store deadly chemicals near neighborhoods and schools. Michael Hawthorne will discuss the U.S. EPA's Risk-Screening Environmental Indicators database and other data sets that can drive environmental investigations or provide broader context to daily stories. (E)

Ethics of putting data online - Salaries, pet names, restaurant inspections, crime reports. You name it, and we've been posting it to our Web sites. But where do you draw the line? Is there ever too much information? We'll discuss the ethics involved with posting databases online. (I)

Delving into death - (Demo Room) A look at Scripps Howard News Service's 16-month investigation into mistakes coroners make when investigating sudden and unexpected infant death. This project "Saving Babies: Exposing Sudden Infant Death" won first place in this year's Philip Meyer Award and has prompted federal reforms. Includes a demonstration and tips on using U.S. Centers for Disease Control's mortality data. (I)

Creative uses of election data - Now that the election is over, what's next? How can you look beyond the typical election stories to find extraordinary uses for this type of data? (I)

5 to 5:50 p.m.

The past and future in CAR: A look at where we have been and what's next - Three long-time practitioners and teachers of CAR review the progress we have made in the last 20 years and talk about what may be next. (E)

SUNDAY

9 to 9:50 a.m.

Storyboarding your ideas: Open discussion - Bring your ideas to this open story discussion. An experienced projects editor will walk you through the best way to develop and present your story. (E)

CAR in the classroom - A discussion of philosophies and practical approaches to teaching CAR. We will talk about course conceptualization, teaching techniques, textbook selection, creating individual and group projects, searching for and using spreadsheets and databases, motivating students, the use of social networks, doing CAR on both a small and large scale, and using CAR as a means instead of an end. (E)

10 to 10:50 a.m.

Making your personal battle plan - You've attended the sessions. You've seen the cool tools. You've got some great ideas for stories, but what's next? This session is devoted to helping you develop a strategy you can take back to your newsroom so that you can find success with the skills you've learned at this conference. (E)

Internet tips and tricks - If you're like most journalists, the Web has become one of your favorite places to go for backgrounding, digging and tip seeking. Imagine how much is out there that you still haven't heard about. With a careful strategy and knowing where to look you can make your time online more effective and efficient. This session will help you do all these things and will point you to the latest sites you never knew you couldn't live without. (E)

Please arrive on time. The sessions cover a lot of information, and the instructor may not be able to help late-comers catch up.

Class size is limited to the number of computers in a classroom. If a session is full, then please check the schedule to see if it is offered at another time. At the instructor's discretion, a limited number of standing-room attendees may be allowed.

Access 1 - The purifying experience of filtering your data. Learn to select and sort data items you choose. (B – some sections for CAR Mini-Boot Camp only)

Access 2 - Summarizing databases with counting and summing. (B - some sections for mini-boot camp only)

Access 3 - How to join tables, matching information from one file to another. (B - some sections for CAR Mini-Boot Camp only)

Access functions and other tools - Advanced techniques for deeper analysis. (I)

Advanced Excel functions - Secret tricks and powerful functions. (A)

Advanced Google maps - Moving beyond placing points on a map. (A)

Backgrounding people and businesses - Knowing what's available and finding it quickly. (E)

Building your own database (CAR Mini-Boot Camp) - The ins and outs of how to structure and maintain a database you create. (E)

Caspio Hands-on Mini-Boot Camp - Fast Track for Educators. (Vendor session, sign up to attend)

Cleaning data found online - Dealing with dirty data and messy formats. (I)

Design by URL (Web Frameworks boot camp) Used to be, a URL went to a static file. In a framework, a URL is a critical component of your application. (A)

Downloading and analysis with ACS data - Mining the census for local trends. (E)

Excel 1 - Performing simple calculations and sorting. (B - some sections for CAR Mini-Boot Camp only)

Excel 2 - Calculating ratios and rates. (B - some sections for CAR Mini-Boot Camp only)

Excel 3 - Learn pivot tables, filtering and more. (B - some sections for CAR Mini-Boot Camp only)

Excel as a statistics package - Exploring advanced functions and features of spreadsheet software. (I)

Final Q&A (CAR Mini-Boot Camp) - (E)

Finding and downloading data online - Exploring key sites and techniques. (E)

Google maps - How to build dynamic maps. (I)

Importing data into Excel (CAR Mini-Boot Camp) - Overcoming format hurdles to your analysis. (E)

Intro to Django and frameworks (Web Frameworks boot camp) - (A)

Introduction to MySQL - Using free open-source software as a database server. (A)

Mapping 1 - Displaying data geographically with ArcView9.2. (I)

Mapping 2 - Importing and selecting data by attribute (ArcView9.2). (I)

Mapping 3 - Geocoding to merge databases with street addresses into maps (ArcView 9.2). (I)

Mapping 4 - How Spatial Analyst can pinpoint places and improve stories. (ArcView9.2) (A)

Mapping 5 - Nailing down the details - dealing with projections. (A)

Moving into Access (CAR Mini-Boot Camp) - An introduction to filtering with Access. (E)

Objects, Models and the ORM (Web Frameworks boot camp) The foundations of frameworks, the object, the model and the object relational model, or ORM. (A)

PDF to Excel - Stripping tables from a text document and importing them into a spreadsheet. (E)

Prepping your data (Web Frameworks boot camp) How to turn your data into the foundation of your app. Here we talk about relational data, good model design and putting that data into your models. (A)

Searching the deep Web - Going beyond Google to get hard-to-find data and information. (A)

Social network analysis - Connecting the dots and analyzing personal connections. (A)

SPSS 1 - Navigate SPSS, using descriptive statistics and frequencies. Create basic counts and percentages to help you understand your data. (A)

SPSS 2 - Doing crosstabs to show the data in different ways, and statistical tests. (A)

SPSS 3 - Basic linear regression techniques and diagnostics. (A)

SPSS 4 - Using logistic regression. (A)

String functions in Access - Standardizing and cleaning dirty data. (I)

Templates (Web Frameworks boot camp) Templates are what your users see. Here we talk about how to take the data passed from the view and turn it into something your designers can start to work with. (A)

Using the ORM to get data (Web Frameworks boot camp) All that data we put in? Now we start to get it out by learning the foundations of the ORM's query syntax. (A)

Views (Web Frameworks boot camp) The view is where the work gets done. Information from the request goes in and data for your templates goes out. Here we put it all together. (A)

Web scraping 1 - Programming techniques to mine the Web. (I)

Web scraping 2 - More programming techniques to mine the Web. (I)

Wrap up, show off - (Web Frameworks boot camp) - (A)

BALTIMORE
June 11-14

2009 IRE CONFERENCE

You'll get reporting tips, sourcing leads and story ideas for covering the economic crisis and its impact in your community. Journalists who have broken the biggest scoops of the past year will show you how to uncover similar stories in your town. And this year we're offering an expanded lineup of Web-focused panels to give you new ideas on getting your work to your online audience.

The growing lineup of speakers includes keynote speaker Jon Klein, president of CNN-U.S., Bob Woodward of *The Washington Post*; Jill Abramson and Dean Baquet of *The New York Times*, Brian Ross of ABC News, Armen Keteyian of CBS News, Donald Barlett and James Steele of *Vanity Fair*, Paul Steiger of ProPublica and David Simon, a veteran Baltimore journalist and television producer.

To see the latest speakers list and program updates, visit the conference Web site, www.ire.org/training/conference/baltimore09.

A stellar group of investigative journalists will give you the tools you need to dig into the biggest stories of the day at IRE's annual conference in Baltimore.

We'll present dozens of panels offering tips and techniques from reporters, producers, editors and news directors. You'll not only leave with story ideas, but also with road maps detailing how to get those stories. You'll have a chance to take hands-on training in computer-assisted reporting skills. And you'll have plenty of chances to network with the best in the business.

Computer-Assisted Reporting Boot Camps

Looking for more hands-on training? Check out the 2009 Boot Camp schedule. Details and registration information online at www.ire.org/training/bootcamps

Watchdog Workshops

IRE's Better Watchdog training is designed for reporters, editors and producers from small, midsize and large publications and TV stations and Web-only news sites and news blogs. Get the tools and the tricks of the trade that you need to be a better, faster, watchdog journalist.

Upcoming workshops:

• April 17-18, Los Angeles

• April 25-26, Detroit
  (Special rate for NABJ members)

• May 1-2, Salt Lake City
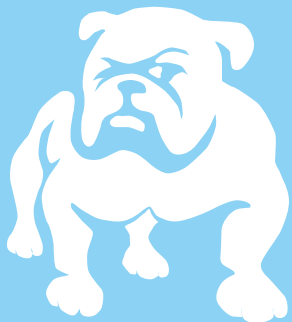
Journalists who attend IRE Better Watchdog return to their newsrooms with:

• Hard-hitting story ideas and advice on how to bulletproof stories for accuracy.
• Databases and documents to explore on their beat.
• Useful Web sites and strategies for using Internet tools such as wikis, blogs, robots and RSS feeds.
• Techniques for more effective sourcing and interviewing.
• Tips on dealing with freedom of information laws and public records in their state.
• Topic-specific training based on current events or local coverage priorities.

CAR Six-day Boot Camp
These unique seminars train journalists to acquire electronic information, use spreadsheets and databases to analyze the information and translate that information into high-impact stories. In addition, the institute then provides follow-up help when participants return to their news organizations.
Aug. 9-14, Columbia, Mo.

Django for DJournalists & Web Programming Boot Camp
Learn how to take important databases—from local crime stats to school test scores—and turn them into powerful, useful tools for your Web audience.
May 17-22 — Columbia, Mo.

Santa Fe New Mexican photo

Upcoming training
Read 'On the Road,' IRE's new training blog (www.ire.org/training) for the latest on our events nationwide. Learn what's coming to your area or check out tips, photos and multimedia clips from recent workshops.

Put your newsroom on our calendar
IRE delivers customized training seminars designed to fit the specific needs, timeframe and budget of your organization. For more information, see www.ire.org/training/specialized.

21st Floor

Panorama Ballroom

Panorama B

Library

Elevators

Panorama A

Ohio

Illinois
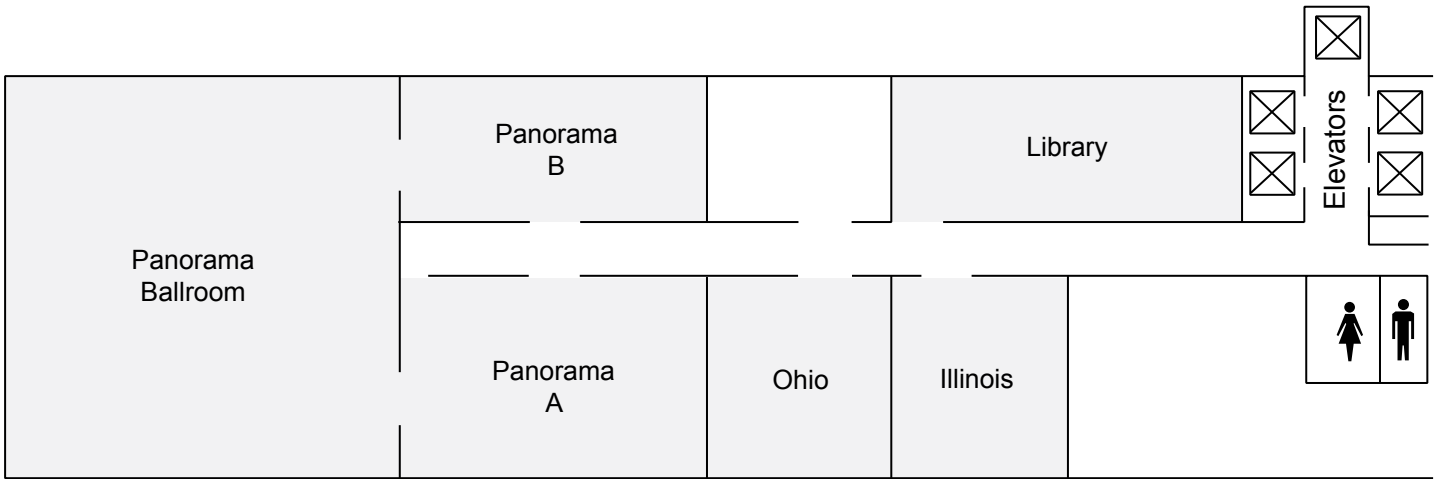
Conference Center - Lower Level

West

Meridian Ballroom

Center

East

Elevators

Exhibits

Fundraising

Stairs

Monument Suite

Demo Room/Cyber Cafe

Registration

Sales
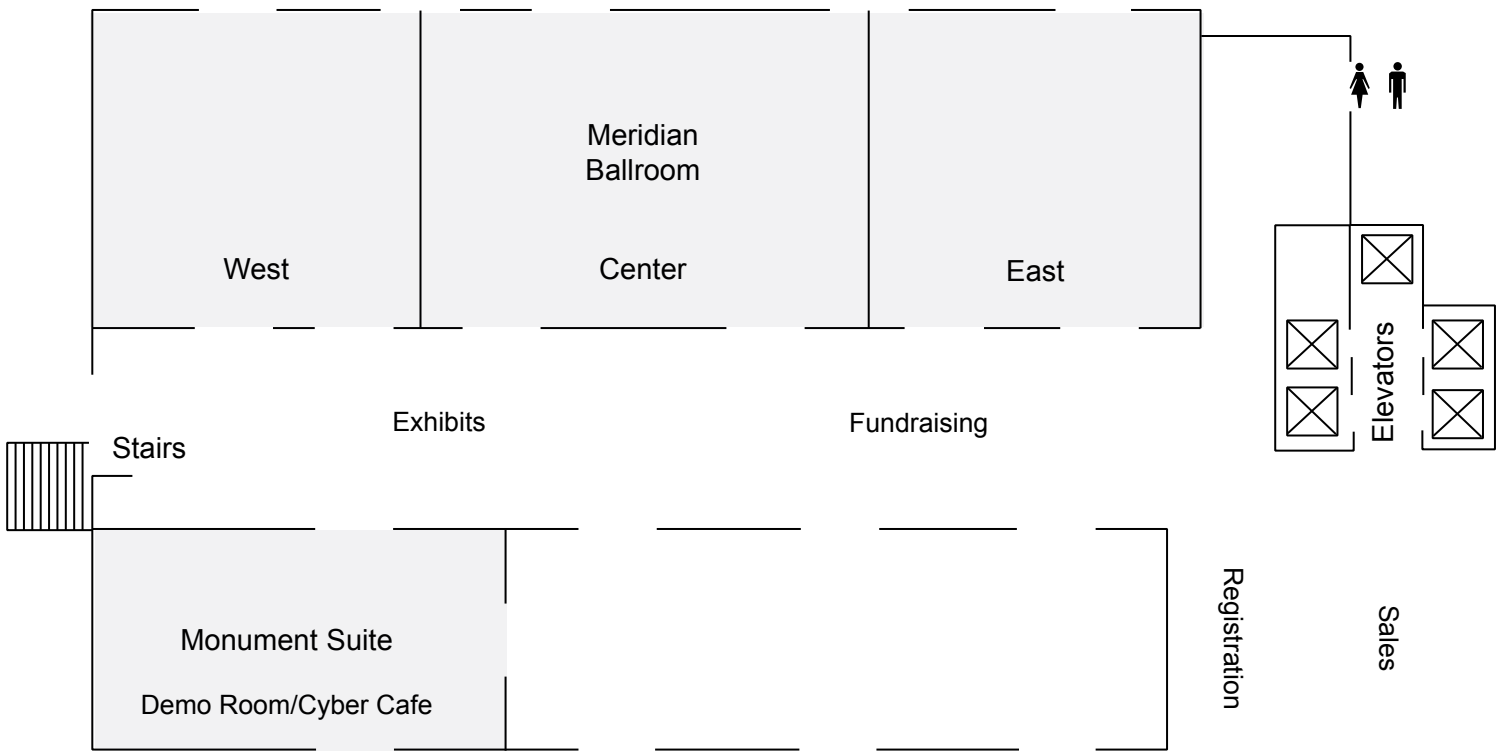
Downtown Map and Restaurant Guide

1 Rathskeller Restaurant, 317-636-0396
2 Bazbeaux, 317-636-7662
3 Le Peep Restaurant, 317-237-3447
4 India Garden Restaurant, 317-340-1470
5 Barcelona Tapas Restaurant, 638-8272
6 McCormick & Schmick's Seafood Restaurant, 317-631-9500
7 Indianapolis City Market, 317-634-9266
8 Buca di Beppo, 317-632-2822
9 Au Bon Pain, 624-9123
10 Chocolate Cafe/South Bend Chocolate Company, 317-951-4816
11 Nicky Blaine's, 317-638-5588
12 Rock Bottom Brewery, 317-681-8180
13 Dick's Bodacious Bar-B-Q, 916-9600
14 Weber Grill Restaurant, 317-636-7600
15 Adoba Grill, 317-822-9990
16 Indianapolis Marriott Downtown, 317-822-3500
    Champions Sports Bar, 317-405-6111
    Circle City Bar & Grille, 317-405-6100
17 Subway Sandwich, 317-267-9960
18 Loughmiller's Pub & Eatery, 317-638-7380
19 Patachou on the Park, 317-632-0765
20 Buffalo Wild Wings Grill & Bar, 317-951-9464
21 Morton's the Steakhouse, 317-229-4700
22 Fogo de Chao, 638-4000
23 The Oceanaire Seafood Room, 317-955-2277
24 O'Reilly's Irish Bar and Restaurant, 317-974-0674
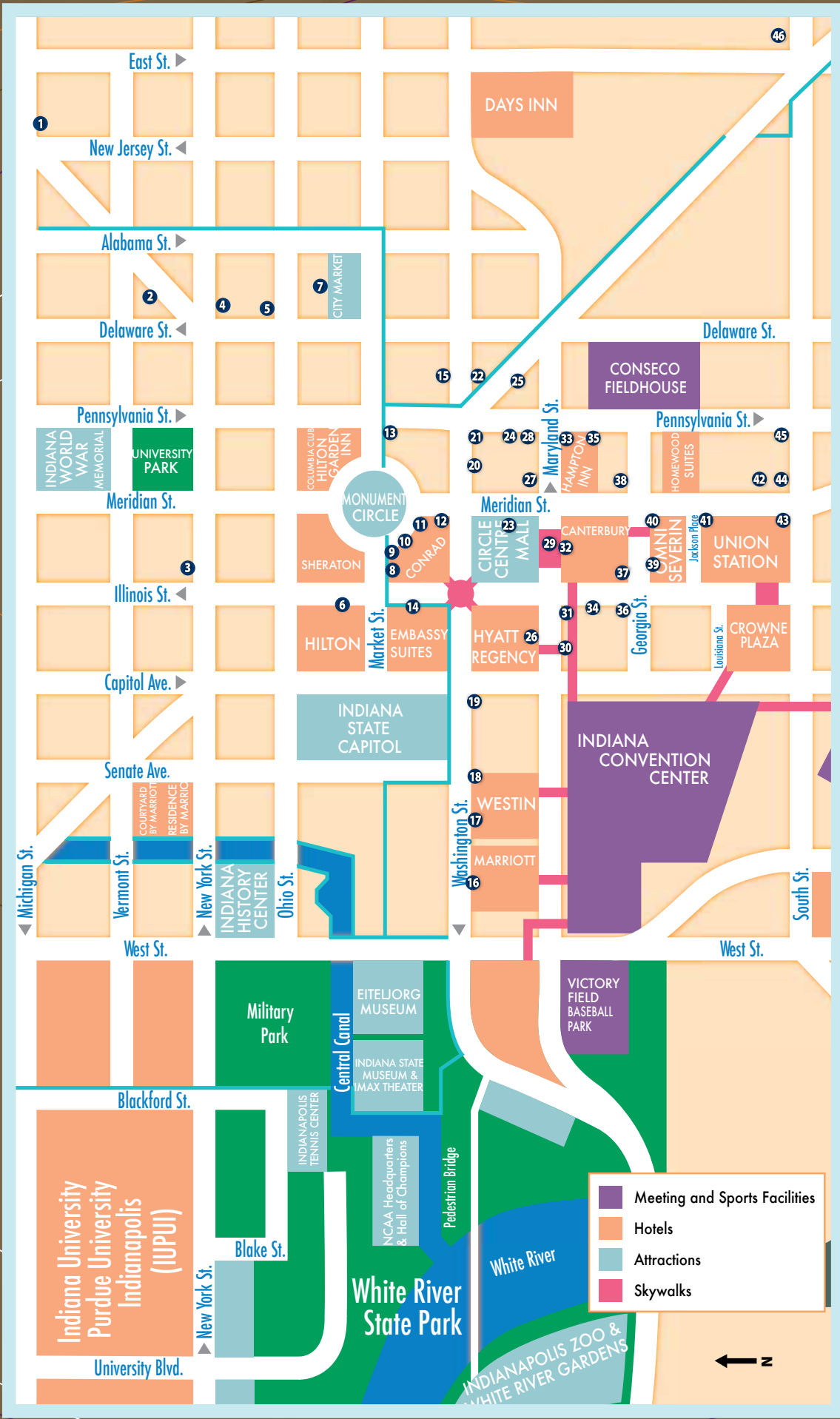25 Mo's A Place for Steaks, 317-624-0720
26 National City Center Subway Sandwiches, Salads and Soups, 317-847-9929
27 Hard Rock Cafe, 317-636-2550
28 Wild Beaver Saloon, 317-423-3080
29 14 West, 317-636-1414
30 Houlihan's, 317-266-8711
31 Steak 'n Shake, 317-634-8703
32 Circle Centre
    Alcatraz Brewing Co., 317-488-1230
    Champps Restaurant, 317-951-0033
    Chick-Fil-A Circle Centre, 317-822-8501
    Harry & Izzy's, 317-635-9594
    Johnny Rockets, 317-238-0444
    Nordstrom (Classic Cafe, Espresso Bar, Grill), 317-636-2121
    Palomino, 317-974-0400
    P.F. Chang's China Bistro, 317-974-5747
    Ruth's Chris Steak House, 317-633-1313
33 J. Gumbo's Down Home Cajun Cookin', 317-522-2666
34 Ram Restaurant & Big Horn Brewery, 317-955-9900
35 Howl at the Moon, 317-955-0300
36 Mikado Japanese Restaurant, 317-972-4180
37 St. Elmo Steak House, 317-637-1811
38 Jillian's, 317-822-9300
39 Hooters Indianapolis Downtown, 317-267-9637
40 Old Spaghetti Factory, 317-635-6325
41 Claddagh Irish Pub, 317-822-6274
42 Tiki Bob's Cantina, 317-974-0954
43 Slippery Noodle Inn, 317-631-6974
44 ICE Lounge, 317-951-2174
45 Crackers Comedy Club - Downtown, 317-631-3536
46 Dunaway's Palazzo Ossigeno, 317-638-7663

Legend:
- Meeting and Sports Facilities
- Hotels
- Attractions
- Skywalks

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BILL ALLISON is a senior fellow at the Sunlight Foundation. He worked for The Center for Public Integrity for nine years, where he co-authored "The Cheating of America" and was co-editor of *The New York Times* best-seller "The Buying of the President 2004." He edited projects on topics including the role of arms smugglers and private military companies in failing states around the world and the rise of Section 527 organizations in American politics. He blogs at http://realtime.sunlightprojects.org.

HELENA BENGTSSON is database editor for the news and current affairs department at Sveriges Television, the national broadcasting company in Sweden. Since 1994, she has served as a researcher, assistant producer and projects editor with the company. During 2006-2007, she was a database editor at the Center for Public Integrity in Washington, D.C.

JEFFREY BRAINARD is manager of data research at *The Chronicle of Higher Education* in Washington, D.C. He has reported on Congress; the funding and regulation of academic research; and workplace safety on college campuses. He has worked at the *St. Petersburg Times*, *Times Herald-Record* in Middletown, N.Y., *Times-Union* in Albany, N.Y., and *Daily Hampshire Gazette* in Northampton, Mass. He received a master's degree in science journalism from Boston University and a bachelor's degree from Williams College.

BRAD BRANAN, the son of an investigative reporter, has worked at several newspapers during his 20-year career. For two years, he's been a government enterprise reporter at *The Fresno (*Calif.*) Bee*, where he specializes in watchdog reporting and computer-assisted reporting. Before joining *The Bee*, Branan was projects reporter at the *Tucson Citizen*. He has won a number of awards, including ones for best projects reporting in Arizona for three years in a row.

JIM BROWN is executive associate dean of the IU School of Journalism at IUPUI. His book, "Long Journey Home: Oral Histories of Contemporary Delaware Indians," won 2008 first place for nonfiction books from the Indiana Society of Professional Journalists. In the 1990s he held some of the first conferences on computer-assisted reporting. In 2006, he received the Hoosier State Press Award for Distinguished Service. In April 2009, he will be inducted into the Indiana Journalism Hall of Fame.

DANIELLE CERVANTES is a data specialist on the watchdog/projects/investigative team at *The San Diego Union-Tribune*. Her recent projects include analyses and investigations of disasters, public contracts, municipal finance, real estate, transportation and demographics. She also teaches CAR and watchdog journalism for the *UT* newsroom and Point Loma Nazarene University in San Diego.

DAN CLOSE is an associate professor in the Elliott School of Communication at Wichita State University in Kansas. He has been a college teacher for 23 years. He was a reporter and editor at *The Wichita Eagle* and other newspapers for 14 years. Close was a consultant for "Bind, Torture, Kill: The Inside Story of the Serial Killer Next Door" (HarperCollins, 2007). This spring he is working on CAR stories with an advanced reporting course.

WENDELL COCHRAN is associate professor in the American University School of Communication, where he teaches computer-assisted journalism and journalism ethics, among others. He also is the senior editor of the school's Investigative Reporting Workshop. Before joining the American faculty, Cochran spent more than 25 years in daily journalism. He has won the John Hancock Award for Excellence in Business and Economic Journalism, the Amos Tuck Award for Economic Understanding and the National Headliners Award.

SARAH COHEN is a database editor for *The Washington Post* and specializes in national and local investigative projects. She has shared in the Pulitzer Prize for Investigative Reporting, the IRE Medal and Selden Ring Award, among others. She co-authored the series "Harvesting Cash" in 2006, which was a named finalist for the Pulitzer Prize in public service. More recently, Cohen co-wrote "Forced Out," a series about landlord abuses in Washington, and on Iraq reconstruction funds.

MICHAEL COREY is DesMoinesRegister.com's digital projects editor, specializing in Google mapping, Flash and interface development for interactive projects. In 2008 he oversaw the development of DesMoinesRegister.com's Iowa Caucuses coverage, which won awards from the Online News Association and a National Headliner Award. He has also worked at the *Register* as a reporter, copy editor and online producer. Corey holds a bachelor's degree in news/Internet journalism from Drake University.

KEVIN CROWE interned with the *Pittsburgh Tribune-Review* and Scripps Howard News Service in Washington, D.C., while working toward his master's degree at the Missouri School of Journalism. He is now a CAR specialist with the *St. Louis Post-Dispatch*. During the past year, Crowe has done analysis for stories about Army recruitment, campaign finance, city employee perks, real estate, health and education. He's looking for a way to combine his passion for nerdy watchdog journalism with his love of bass fishing.

CHASE DAVIS is an investigative reporter and CAR specialist at *The Des Moines* (Iowa) *Register*. Before joining the *Register*, he spent more than two years as a reporter at the *Houston Chronicle*. He has done contract Web development work for a number of organizations and taught investigative reporting and CAR as an adjunct professor at the University of Houston.

STEPHEN K. DOIG holds the Knight Chair in Journalism, specializing in computer-assisted reporting, at the Walter Cronkite School of Journalism & Mass Communication of Arizona State University. Before joining ASU in 1996, he was associate editor/research of *The Miami Herald*. Projects on which he worked at *The Herald* have won the Pulitzer Prize for Public Service, the IRE Award, the Goldsmith Prize for Investigative Reporting and other awards. He is a former IRE board member and coordinator of the annual Philip Meyer Journalism Award.

DAVID DONALD joined the Center for Public Integrity in September 2008 as data editor, where he oversees computer-assisted reporting at the Washington, D.C.-based investigative journalism nonprofit. Previously he was training director at IRE and NICAR for nearly five years, conducting more than 150 training events for thousands of journalists. He spent 11 years at the *Savannah Morning News* in Georgia where he was research and projects editor, working on stories that won two James K. Batten Awards and two Hammet Awards.

JAIMI DOWDELL joined IRE as training director in October 2008. Previously, she was computer-assisted reporting editor at the *St. Louis Post-Dispatch* for more than three years. Her duties included obtaining and analyzing data, training staff on CAR and investigative techniques and maintaining the newspaper's online data center. In addition, she taught a CAR course for Washington University in St. Louis. She previously worked at IRE and NICAR while completing her master's degree at the University of Missouri.

CAROLYN EDDS is a news researcher for the *St. Petersburg* (Fla.) *Times*. Prior to joining the paper in 2004, she was the Eugene S. Pulliam research director for IRE. She was a news researcher with the *San Antonio Express-News* and the news research manager at the *Herald-Journal* in Spartanburg, S.C. Edds has been a presenter at IRE, NICAR and Special Libraries Association events. In her spare time, she enjoys kayak fishing and spending time outdoors.

JACOB FENTON has worked as a software developer in Silicon Valley and as a reporter in Pennsylvania. He's now database editor at *The Morning Call*, in Allentown, Pa.

JACK GILLUM is a database editor at *USA Today*. Before coming to Washington, he was most recently a reporter for the *Arizona Daily Star* where he worked on investigations into social promotion in public schools, the effectiveness of DUI checkpoints and risky mortgage lending in the state. He is a Tucson native and misses the desert.

MICHAEL GRABELL is an investigative reporter for ProPublica, where he is currently covering the economic stimulus plan. Before moving to New York this past year, he was a reporter for *The Dallas Morning News*. His investigative work has included stories on federal air marshals, penny stocks, the Lance Armstrong doping allegations, toxic chemicals stored near schools and neighborhoods, and a bus fire that killed 23 nursing home patients fleeing Hurricane Rita.

MARK GREENBLATT is an investigative reporter at KHOU-Houston. He earned the 2008 Lone Star Award as Television Journalist of the Year, and the *Houston Press* also named him Reporter of the Year in its "Best of Houston" edition. He's won five Edward R. Murrow Awards, including a National Murrow for best investigative report, a 2008 National Headliner, multiple Emmy Awards and an IRE Award. His work has led to numerous new state and federal laws.

JASON GROTTO is an investigative reporter at the *Chicago Tribune* and a member of the IRE Board of Directors. Prior to joining the *Tribune*, he spent seven years working on investigations for *The Miami Herald*, where he uncovered fraud and corruption in Miami-Dade County's largest poverty program and exposed breakdowns in Florida's criminal justice system, child welfare agency and Miami's public school system. Before joining the *Herald*, Grotto worked for IRE and NICAR.

KELLY GUCKIAN is the database editor at the *San Antonio* (Texas) *Express-News*. She assists reporters and editors in negotiating for data from agencies, provides data cleanup and analysis and trains reporters to use computer-assisted reporting tools. She posts searchable databases on the newsroom intranet and participates on news project teams. She worked in news research for 10 years at the *Express-News* and was awarded an Editorial Unsung Hero Award by her peers in 1996 and 2003.

HOLLY HACKER covers education for *The Dallas Morning News*. Prior to joining the paper, she worked at IRE and NICAR while earning a master's degree at the Missouri School of Journalism. Before that, she wrote for the *St. Louis Post-Dispatch* and *Ventura County* (Calif.) *Star*. She has won the Hechinger Grand Prize for distinguished education reporting and first place in the 2007 Philip Meyer Journalism Award competition.

DOUG HADDIX joined IRE as training director in September 2008. He worked as projects editor at *The Columbus Dispatch* for 10 years, where he oversaw an investigation of Ohio's DNA-testing system for inmates claiming innocence and a project that uncovered holes in the safety net for disciplining teachers statewide. His team investigated mortgage fraud, rogue school-bus drivers and the growing global market for counterfeit goods. Previously, he worked as an editor in Scranton, Pa., and Danville, Ill.

ANDY HALL is executive director and reporter for the Wisconsin Center for Investigative Journalism (www.WisconsinWatch.org), a new independent nonprofit news organization. The center works with its partners – Wisconsin Public Radio, Wisconsin Public Television and the University of Wisconsin-Madison School of Journalism & Mass Communication – and collaborates with mainstream and ethnic media to examine government integrity and quality-of-life issues. A former IRE board member, Hall has won dozens of awards for his reporting over the past 26 years at the *Wisconsin State Journal* and *The Arizona Republic*.

JAMES T. HAMILTON is the Charles S. Sydnor Professor of Public Policy, Economics and Political Science at Duke University and the director of the DeWitt Wallace Center for Media and Democracy. His book "All the News That's Fit to Sell: How the Market Transforms Information into News" examines how economic forces affect media content.

PHIL HARBORD has worked in database design and development for more than 30 years. He currently helps the CBC Radio Investigative Team in the analysis and presentation of data. He contributed to various projects over the past few years, including "Dying for a Job," "Out of Sync," "Beaten Down," "Arming the World" and "Off Limits." Harbord has lectured in computer-assisted reporting for a course on investigative journalism at Ryerson University in Toronto.

THOMAS HARGROVE is a national correspondent for the Scripps Howard News Service in Washington, D.C., and co-founder of the Scripps Survey Research Center at Ohio University. Hargrove led a team in a 16-month national reporting project called "Saving Babies: Exposing Sudden Infant Death," which prompted Congressional reforms and changes at the Centers for Disease Control and Prevention. The project took first place in this year's Philip Meyer Journalism Award.

MICHAEL HAWTHORNE is the environment reporter for the *Chicago Tribune*. He has written extensively about the nation's lingering pollution problems, including threats posed by mercury-contaminated fish, toxic chemicals plaguing the Great Lakes and emerging contaminants. In 2008, Hawthorne and *Tribune* colleague Darnell Little used CAR to determine that Chicagoans faced the worst health risks in the nation from toxic air pollution.

BRAD HEATH is a national reporter at *USA Today*, where he specializes in data-driven enterprise and has covered subjects ranging from the aftermath of Hurricane Katrina to aviation safety. Before joining *USA Today*, he was an enterprise writer for *The Detroit News* and was the investigative reporter for *The Press & Sun-Bulletin* in Binghamton, N.Y.

DAVID HEATH is an investigative reporter at *The Seattle Times*. He has written investigative pieces on corporate deception, terrorism, medical research and Congressional earmarking. Heath has won numerous national awards, including the Goldsmith Prize, the George Polk Award and the Gerald Loeb Award. He has been a finalist for the Pulitzer three times for work he did with others. He was a Nieman fellow in 2006 and taught a journalism class at Harvard University.

TIM HENDERSON has been a data analyst for the *Journal News* in White Plains, N.Y., since 2007. Previously he was a reporter and database editor at *The Miami Herald* and a freelance reporter for *The Cincinnati Enquirer*.

CLEM HENRIKSEN has worked in the GIS industry for 28 years. He graduated from San Francisco State University with a degree in geography and has worked for the state of Arizona, the Sohio Petroleum Company and ESRI. At ESRI he has had experience in both product development and marketing.

DAVID HERZOG is an associate professor at the Missouri School of Journalism, where he teaches computer-assisted reporting. He also serves as the academic adviser to NICAR and is managing editor of *Uplink*, the institute's electronic CAR newsletter. He is the author of "Mapping the News: Case Studies in GIS and Journalism." He has been an investigative reporter for *The Providence* (R.I.) *Journal* and the editor for CAR at *The* (Allentown, Pa.) *Morning Call*.

ADRIAN HOLOVATY founded and runs EveryBlock, a neighborhood news site that tells you what's happening around your block. He is also co-creator and co-Benevolent Dictator for Life of the open-source Django Web framework, which is used by tens of thousands of people throughout the world. He has a degree in journalism and has worked at a number of news Web sites, including washingtonpost.com.

MARK HORVIT became IRE's executive director in January 2008. Horvit most recently served as projects editor at the *Fort Worth Star-Telegram* in his native Texas. His journalism career includes reporting and editing duties at *The* (Panama City, Fla.) *News Herald*, *Corpus Christi* (Texas) *Caller-Times*, *The Houston Post*, *Columbia* (Mo.) *Daily Tribune* and *The Charlotte* (N.C.) *Observer* before joining the *Star-Telegram*, where he worked both as a reporter and an editor.

BRANT HOUSTON is Knight Chair in Investigative Reporting at the University of Illinois, where he teaches, works on investigative projects and on bringing new digital and analytical tools into newsrooms. He is co-founder of the Global Investigative Journalism Network and is former executive director of IRE and NICAR. He also is author of "Computer-Assisted Reporting: A Practical Guide" and co-author of "The Investigative Reporter's Handbook" and was an award-winning investigative reporter for 17 years.

TOMMY KAAS was a co-founder of the Danish International Center for Analytical Reporting, where he worked as trainer and editor until the end of 2006. He then formed Kaas & Mulvad in partnership with Nils Mulvad. Kaas has trained journalists in Denmark and abroad and has worked with several Danish and foreign media organizations on CAR-based stories.

AARON KESSLER investigates mortgage fraud and other issues related to the real estate meltdown for the *Sarasota* (Fla.) *Herald-Tribune*. He previously covered higher education and state politics for *The Daily Progress* in Charlottesville, Va., and was deputy director at the Virginia Public Access Project, which maintains a political money database. Kessler also covered state government for *The Joplin* (Mo.) *Globe* and worked on freelance investigative projects for *The Kansas City Star* and the *Richmond* (Va.) *Times-Dispatch*.

STAN KETTERER is an associate professor and the graduate coordinator of the School of Journalism and Broadcasting at Oklahoma State University. Ketterer has worked as a reporter and editor at metropolitan newspapers in St. Louis and San Diego, as well as a news editor at the *Columbia Missourian*. He received his doctorate from the Missouri School of Journalism, and he teaches CAR and graduate research analysis courses. He is the writing coach at *The Oklahoman*.

DAVID KNOX has been the computer-assisted reporting manager at the *Akron* (Ohio) *Beacon Journal* since 1999. He's responsible for data analysis for the newsroom, as well as his own projects. In 2007, he spent six months on a Kiplinger fellowship at the John Glenn School of Public Affairs at Ohio State University. His research on five decades of wage and salary census records provided the foundation for a year-long examination of the strains on the middle class.

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ZACK KUCHARSKI is a data editor at *The Gazette* in Cedar Rapids, Iowa, where he compiles and publishes searchable databases. Before that, he spent seven years as a reporter at the paper covering education, public safety and government. He contributed to a 2008 series detailing an Iowa prostitution and human-trafficking ring.

JENNIFER LAFLEUR is director of computer-assisted reporting for ProPublica, a public interest investigative newsroom in New York. She formerly was the computer-assisted reporting editor for *The Dallas Morning News*, where she worked on the investigative team. She has held similar positions at the *San Jose* (Calif.) *Mercury News* and the *St. Louis Post-Dispatch*. She was IRE training director back in the olden days and co-authored an IRE mapping beat book. ILENE is her favorite programming language.

DANIEL LATHROP joined the *Seattle Post-Intelligencer* in July 2006 and is an investigative CAR reporter. He was database editor at The Center for Public Integrity and worked on numerous award-winning projects. He joined the Center in 2003 as a senior researcher. In 2004, he became assistant database editor with a focus on lobbying, state politics and the telecommunications industry. Previously, he was a reporter at the *Daytona Beach News-Journal* and *The* (Ames, Iowa) *Tribune*.

ANDY LEHREN is on *The New York Times* computer-assisted reporting team. He has reported on the Iraq War, Hurricane Katrina, and religion and politics. He's part of the *Times* team honored with a 2007 IRE Medal for examining China's pharmaceutical industry. A former NBC producer, Lehren won Peabody, Polk, duPont-Columbia, Edward R. Murrow, IRE and Emmy awards. He teaches investigative reporting at the CUNY's graduate school and once ran IRE and NICAR's Database Library.

DARNELL LITTLE has been a computer-assisted reporting specialist for the *Chicago Tribune* since 2002. He has covered topics such as education, the U.S. Census, crime and criminal justice, labor and urban affairs. Little also worked as a business reporter covering technology companies for *BusinessWeek*. Prior to entering journalism, he was a software engineer for AT&T Bell Labs. Little is a graduate of Northwestern University and the Illinois Institute of Technology. He lives in Chicago.

JEFF KELLY LOWENSTEIN is a staff reporter for *The Chicago Reporter*, where he investigates race and poverty issues in the Chicago region. He won Peter Lisagor Awards in 2006 and 2008. In 2008 a project he did about fatal police shootings won the Chicago Headline Club's Watchdog Award for Excellence in Public Interest Reporting. He has participated in fellowships sponsored by the Institute for Justice and Journalism and the Dart Center for Journalism and Trauma.

JUSTIN MAYO has been a reporter with *The Seattle Times* investigative team for ten years. He specializes in database and spatial analysis covering a variety of issues, including criminal justice, demographics, elections and education. Previously, he was the database administrator for IRE and NICAR. He received a master's from the Missouri School of Journalism in 1998 and a bachelor's in international studies from the University of Washington in 1992.

SUZANNE McBRIDE is associate chair of the Journalism Department at Columbia College Chicago. McBride was an editor and reporter for 13 years at *The Indianapolis Star* and now-defunct *Indianapolis News*, where she investigated a lead-poisoned neighborhood, the influence of campaign cash on state lawmakers and the militia, among other things. She's co-founder and co-publisher of a local news site, ChicagoTalks.org, which has published investigative stories about the Chicago City Council.

KEN McCALL is the database reporter for the *Dayton* (Ohio) *Daily News*. He also writes a weekly column on outdoor recreation. He worked on a series about factory farms that was a 2003 finalist for the Goldsmith Prize and another on soldier deaths, suicides and civil claims by Iraqi civilians that won numerous awards including the 2005 Joseph L. Galloway Award. A former Kiplinger Fellow at Ohio State University, he previously worked at the *Las Vegas Sun*, and the *San Luis Obispo* (Calif.) *Tribune*.

DAVID McKIE is a journalist with Canadian Broadcasting Corporation's investigative unit. His stories have won several awards, including one of Canada's top prizes for investigative journalism in 2004 and 2005 and an IRE certificate. McKie is co-author of "Digging Deeper: A Canadian Reporter's Research Guide" and "Computer-Assisted Reporting: A Comprehensive Primer." He teaches journalism at Carleton University and edits *Media*, a quarterly published by the Canadian Association of Journalists.

RYAN McNEILL is the computer-assisted reporting editor at *The Dallas Morning News*. Prior to arriving in Texas in August, he was part of a two-person CAR team at the *South Florida Sun-Sentinel* in Ft. Lauderdale. For two years, McNeill was database editor at *The Oklahoman* in Oklahoma City, where he also spent time covering the Legislature and local government over a five-year period.

TED MELLNIK is database editor at *The Charlotte* (N.C.) *Observer*. Projects he's contributed to include "Cruelest Cuts," a 2009 Goldsmith finalist, and "Sold a Nightmare," which won Polk and Gerald Loeb awards in 2008.

JEREMY MILARSKY is the database library director for IRE and NICAR. He's responsible for the maintenance of more than 40 databases used by IRE members for investigative reporting. He and the library staff assist members with computer-assisted-reporting projects around the globe. Most recently, Milarsky was a Web programmer and database administrator; he also managed the research library for the *South Florida Sun-Sentinel*. A longtime journalist, Milarsky began writing for newspapers when he was 17 years old.

DAVID MILLIRON is vice president of Caspio Inc. He also teaches journalism part-time at Emory University and holds elected positions on the Avondale Estates Board of Mayor and Commissioners and DeKalb County Municipal Association in Georgia. Prior to joining Caspio, Milliron served as director of computer-assisted reporting and then senior manager of the Internet Technologies Group for *The Atlanta Journal-Constitution*. He has worked for Gannett News Service, *The Tampa Tribune* and *The Fort Myers* (Fla.) *News-Press*.

NILS MULVAD is partner in Kaas & Mulvad and associate professor at The Danish School of Journalism. A former executive director of the Danish International Center for Analytical Reporting, Mulvad was honored as the 2006 European Journalist of the Year and in 2007 received the IRE Award for Freedom of Information. In 2005, Mulvad co-founded the European network that provides agricultural subsidy beneficiary data at www. farmsubsidy.org. He also co-founded the Global Investigative Journalism Network.

MARK NICHOLS is *The Indianapolis Star*'s CAR coordinator and a member of the watchdog team. He's worked on several award-winning computer-assisted projects in recent years, including the paper's investigations into Indiana's inequitable property tax system, deadly police car chases and the impact of industrial air pollution on Indianapolis' Southwest Side.

RON NIXON is a projects editor on *The New York Times*' computer-assisted reporting team and is assigned to the paper's business desk and Washington bureau. Prior to joining the *Times*, he was CAR editor for *The Star Tribune* in Minneapolis-St.Paul. He was training director for IRE and trained hundreds of reporters around the world in CAR and investigative reporting techniques. Nixon was also an investigative reporter at *The Roanoke* (Va.) *Times*.

DAN O'NEIL is a co-founder of and People Person for EveryBlock, a neighborhood news site serving 11 cities. He is responsible for uncovering new data sets through online research and working with local governments. He also works on Special Reports, including one on Operation Crooked Code, a federal probe of bribery in Chicago. More information can be found at Derivative Works (www.derivativeworks.com), a blog focused on multiplying the force of local news that can get lost in the din.

PAUL OVERBERG is a database editor at *USA Today* and does much of its demographic data analysis. With other data team members, he helps its staff of 400 journalists with training, data analysis and custom applications. Overberg is a former science and environmental reporter and editor at Gannett News Service in Washington, D.C. He started at *The Courier-News* in Bridgewater, N.J., where he held several editing and reporting posts.

GRIFF PALMER is a reporter in *The New York Times* computer-assisted reporting unit. Before joining the *Times* in 2006, he was database editor for six years at the *San Jose* (Calif.) *Mercury News*. In 1993 he became the first database editor for *The Daily Oklahoman* in Oklahoma City, helping the newspaper build an award-winning CAR program. He also spent seven years as a reporter and five years as an assistant city editor at *The Oklahoman*.

NORA PAUL is director of the Institute for New Media Studies at the University of Minnesota. Paul taught news library management, computer-assisted research and new media leadership at the Poynter Institute and was editor for information services at *The Miami Herald* from 1979 to 1991. Paul is the co-author, with Kathleen Hansen, of "Computer-Assisted Research: Information Strategies and Tools for Journalists," an IRE beat book, and "Behind the Message: Information Strategies for Communicators."

MIKE PELL joined The Center for Public Integrity's staff in December 2007. From 2002 to 2006, as a reporter for the *Watertown Daily Times* in upstate New York, Pell covered local politics, the Canadian border and environmental issues related to the Great Lakes and the St. Lawrence River. He then went to the Missouri School of Journalism to study computer-assisted reporting; in 2007 he was a Pulliam Fellow at *The Arizona Republic*.

JOHN PERRY recently moved to *The Atlanta Journal-Constitution* as a computer-assisted reporting specialist on the investigative team. He was a senior fellow at The Center for Public Integrity, where he worked on projects including "City Adrift: New Orleans Before and After Katrina," "Political Consultants: The Price of Democracy" and "Windfalls of War II: Baghdad Bonanza." Before that, he worked 16 years at *The Oklahoman* in Oklahoma City, most recently as database editor.

CHERYL PHILLIPS, president of IRE's Board of Directors, has been a board member since 2001. She is the data enterprise editor at *The Seattle Times*, where she supervises a small team that works across departments to produce interactive stories and databases. Previously, she served as deputy investigations editor and an investigative reporter. She has twice been a member of teams that were finalists for the Pulitzer Prize. She has also worked at *USA Today*, *The Detroit News*, the *Great Falls Tribune* in Montana and the *Fort Worth* (Texas) *Star-Telegram*.

JAMES PILCHER is a business projects reporter for the *Cincinnati Enquirer*. He returned to journalism and the *Enquirer* in 2008 after two years in product development for a local telecommunications company. A long-time advocate for the use of technology in the newsroom, Pilcher has won numerous awards and was awarded a Knight Center Fellowship for covering airline security following 9/11. In addition to his current role, he also is spearheading the *Enquirer*'s mobile content/advertising strategy.

ARON PILHOFER is editor of interactive technologies for *The New York Times* and leads the newsroom Web team. Prior to that, he was on *The Times*' computer-assisted reporting team and the paper's politics desk. Pilhofer also spent a year on IRE's national training staff.

BEN POSTON works at the *Milwaukee Journal Sentinel* as an investigative reporter focusing on database and mapping analysis. He joined the newspaper in June 2007. Previously, he worked as a data analyst at the IRE and NICAR Database Library. Poston holds a bachelor's degree in international studies from Miami University in Ohio and a master's degree in journalism from the Missouri School of Journalism.

NEIL REISNER is a professor of journalism at Florida International University in Miami. He has been a reporter, editor or both at *The Miami Herald*, *The Record* in Bergen County, N.J., and the *Miami Daily Business Review*. He served as training director for IRE and NICAR, and he also taught at Columbia and Rutgers universities.

ALEX RICHARDS has been the computer-assisted reporting specialist at the *Las Vegas Sun*, based in Henderson, Nev., since 2007. He previously worked for IRE and NICAR as a data analyst. You may have read about his work on "The New Addiction," a *Sun* investigative series about prescription painkiller use, in the September/October issue of *The IRE Journal*.

ANNE SAUL is news systems editor for Gannett Co. Inc., where she advises editors on technology, including digital cameras, front-end systems and Web content. Saul previously was executive editor at the *Pensacola* (Fla.) *News Journal* and managing editor at Gannett News Service and *Florida Today*. She also was on the *USA Today* startup team in 1982. She has conducted training for Gannett on improving Web content and video storytelling and has taught computer-assisted reporting.

BOB SEGALL is the chief investigative reporter at WTHR-Indianapolis. He combines dogged research, computer-assisted reporting and creative storytelling to produce memorable investigations that get results and trigger change. Segall's reporting has been recognized with some of the nation's top journalism honors, including a 2006 IRE Award, a National Headliner Award and two Sigma Delta Chi Awards. He also earned Peabody awards for three investigations in the past four years. Segall previously led the investigative unit at WITI-Milwaukee.

DAVID B. SMALLMAN is managing partner of Smallman & Hans LLP, which specializes in media law, intellectual property, insurance coverage disputes, publishing, risk management and complex litigation, as well as First Amendment, freedom of information and human rights matters. Clients include leading global media insurers, established and startup technology companies, publishers, authors, documentary film companies and investigative journalism organizations. He's been primary outside counsel to IRE and NICAR for 14 years. Smallman is representing former intelligence officer Valerie Plame Wilson and her publisher in a First Amendment dispute with former Bush Administration officials concerning censorship of public domain information.

DAN STOCKMAN has worked at a string of small Midwest papers, where he embarrassed countless local officials by uncovering wrongdoing, but he has also won awards for feature writing and covering race relations. He has been at *The Journal Gazette* in Fort Wayne, Ind., since 2003, where he exposed a housing agency ripping off poor clients and a charitable foundation that bought a $1.5 million Vegas resort house as a retirement home for its president.

CHARLIE SZYMANSKI is currently a Web developer for NationalJournal.com. Formerly of the *Sarasota* (Fla.) *Herald-Tribune*, he helped create ibiseye.com as well as several other interactive features. He uses Flash and Ajax to help readers interact with data.

MAURICE TAMMAN is a news editor at *The Wall Street Journal*, charged with expanding the paper's computer-assisted reporting program. Before that he was online editor and investigative reporter with the *Sarasota* (Fla.) *Herald Tribune*. He also developed the IBISEYE.com hurricane tracking Web site. Previously, he was database reporter on *The Atlanta Journal-Constitution*'s special projects team, and he worked for *Florida Today* in Melbourne, Fla., and the *Courier-Post* in Cherry Hill, N.J.

JODI UPTON is the database editor for sports at *USA Today*; she does investigative work and oversees most indexes, ratings and other stats in the department. She was an investigative reporter at *The Detroit News* and a 2002-2003 John S. Knight Fellow at Stanford University. Her awards include honors from the Associated Press Managing Editors and the Columbia University School of Journalism, as well as the 2007 APSE award and the 2007 Iris Molotsky Award.

FRED VALLANCE-JONES is assistant professor of journalism at the University of King's College in Halifax, Nova Scotia. He was the founder of King's successful summer school in computer-assisted reporting and is co-author of "Computer-Assisted Reporting, A Comprehensive Primer" (Oxford University Press, 2009). He was an investigative reporter in broadcast and print prior to joining King's. He oversees the carincanada.ca Web site and writes columns on CAR for *Media Magazine* and j-source.ca.

MATTHEW WAITE is the news technologist for the *St. Petersburg* (Fla.) *Times* and principal developer of PolitiFact, a Web site that checks the truthfulness of presidential candidates' comments. Previously, he was an investigative reporter for the *Times*. He, along with *Times* reporter Craig Pittman, is the author of the just-published book "Paving Paradise: Florida's Vanishing Wetlands and the Failure of No Net Loss," which grew out of an award-winning newspaper series.

MICHAEL WILKINS is a partner in the Indianapolis firm Ice Miller, LLP. He practices in virtually all areas of litigation, with a focus on appellate advocacy, business litigation, and media and communications law. Wilkins frequently represents media clients on a variety of issues, from pre-broadcast and pre-publication review, to access to public records, to defense of defamation and other related suits. He has briefed and argued significant First Amendment issues before the Indiana Supreme Court.

LAWAN WILLIAMS is not the traditional journalist. She served in the U.S. military and worked for The Coca-Cola Company for almost 10 years before pursuing journalism. She has worked at WSB-Atlanta, WFTV-Orlando, KNXV-Phoenix and KSHB-Kansas City. Williams continues her career with E.W. Scripps as data projects manager at the company's headquarters in Cincinnati, Ohio, where she works to enhance the online user experience of Scripps' Web sites. She is a member of the IRE Board of Directors.

DEREK WILLIS joined a Web development team at *The New York Times* in November 2007. He has covered campaign finance issues as a database editor at Wasthingtonpost.com and at The Center for Public Integrity. He is co-author of "Unstacking the Deck," an IRE beat book about covering campaign finance. He also covered Congress for *Congressional Quarterly* and worked as a reporter and technology specialist at *The Palm Beach Post*. He lives online at www.thescoop.org.

WAYNE WINSTON, professor of operations and decision technologies at Indiana University and Eli Lilly & Co Faculty Fellow, has taught Excel spreadsheet modeling to thousands of analysts at organizations such as Microsoft, Eli Lilly, Cisco, eBay and Verizon for more than 10 years. Winston also consults for the Dallas Mavericks NBA team. He has won more than 25 teaching awards. His book on math and sports, "Mathletics," will be published in August. He is a two-time "Jeopardy!" champion.