David L. Herzog
Columbia MO 65203
Office: 573-882-2127
E-mail: herzogd@missouri.edu

CURRENT POSITION

Associate professor, Missouri School of Journalism, University of Missouri-Columbia
Academic adviser, National Institute for Computer-Assisted Reporting (NICAR)

TEACHING EXPERIENCE

University of Missouri-Columbia, School of Journalism

Associate professor (Sept. 2007-present)
NICAR computer-assisted reporting boot camps (2002-present)
NICAR mapping boot camps (2002-present)
Freshman Interest Group, co-facilitator (2006-2008)
Assistant professor (Jan. 2002-Aug. 2007)

EDUCATION

Bachelor of Arts, Temple University, Philadelphia, Pa., major in radio-television-film (May 1984, *magna cum laude*)

CLASSES TAUGHT

JOUR-4430/7430 Computer-Assisted Reporting (3 cr.)
Two sections each semester with undergraduate and graduate students from all sequences (spring 2002 – present, except while on Reynolds Journalism Institute fellowship 2010 –2011)
Also teach three times yearly to journalism school students at weeklong NICAR CAR boot camps (2002-present)

Honors College learning-by-contract instructor
JOUR-4430 Computer-assisted reporting, Andrew Gibson (2013)
JOUR-4430 Computer-assisted reporting, Alaina Zermeno (2011)
JOUR-4430 Computer-assisted reporting, Brandon Schatsiek (2009)
JOUR-4430 Computer-assisted reporting, Kurt Austin (2007)

JOUR-4440/7440 Mapping for Stories and Graphics (2 cr.)
Teach yearly on unpaid overload basis
Co-taught as part of NICAR mapping weekend boot camps (fall 2010-present)
Taught as regular scheduled class (fall 2008 – fall 2009)
Not taught in fall 2014 because of no enrollment

JOUR-4050/7450 Communication Practice (credit varies)
Chris Hamby on using mapping to report the news (2009)
Kevin Quealy on using mapping for information graphics (2007)
Sean Sposito on using mapping to report the news (2007)
Tanner Flowers on using mapping to report the news (2007)
Tyson Anderson on using mapping for information graphics (2007)
Grant Smith on using mapping to report the news (2007)

GEOG-3383 Independent study adviser
Darla Cameron on GIS in journalism (2007)

Journalism Freshman Interest Group
Co-facilitator (2006-2008)

COMPUTER PROGRAMS USED OR TAUGHT
Spreadsheets: Microsoft Excel and OpenOffice Calc (also teach)
Database managers: Microsoft Access, MySQL and SQLite (also teach)
Visualization: Tableau Desktop (also teach)
Geographic information systems: ESRI ArcGIS (also teach), Spatial Analyst and Quantum GIS
Statistics: SPSS and R
Programming version control: Git and GitHub
Content management systems: WordPress, Django and Rails
Web: HTML5 + CSS3

VOLUNTEER BOARDS AND ADVISORY POSITIONS
Academic adviser, Dy Dimension Data Media Lab at Wuhan University, Wuhan, China (June 2015-present)
Board secretary, Midwest Center for Investigative Reporting, Champaign, Ill. (2012-present)

PUBLICATIONS AND CREATIVE WORK
News reporting and writing, The Missouri Group. Helping revise chapters on social science- and investigative journalism. (In progress)
Mapping for stories: A computer-assisted reporting guide, by Jennifer LaFleur and Andy Lehren, for Investigative Reporters and Editors. Helping revise. (In progress)
Data literacy: A user's guide, Chinese translation of textbook by Renmin University Press. (In progress)
Data literacy: A user's guide, textbook by SAGE Publications. (2015)
What journalists need to know about FOIAonline, Investigative Reporters and Editors Transparency Watch. (2012)
EconoCheck, Investigative Reporters and Editors and the Sunlight Foundation with Bill Allison from Sunlight. (2012)
Project OpenVault, Missouri School of Journalism. (2012)

U.S. newspaper reporters' perceptions and use of government data, research study with Ming Dai and Ken Fleming, Reynolds Journalism Institute. (2011)
OpenMissouri.org, Reynolds Journalism Institute. (2011)
Computer-assisted reporting creates new knowledge, with Brant Houston, in "What Good is Journalism?" edited by George Kennedy and Daryl Moen, University of Missouri Press. (2007)
Using GIS: When a map is worth a thousand words, Reporting on Health. (2008)
Mapping the news: Case studies in GIS and journalism, book by Esri Press. (2003)

INTERVIEWS GRANTED
Putting the data science in journalism, Communications of the ACM. (2015)
The art and science of data-driven journalism, The Tow Center for Digital Journalism. (2014)
How J-schools are tackling the demand for data journalism skills, PBS Mediashift. (2014)
How Temple is helping ensure the future of data journalism, School of Media and Communication, Temple University. (2014)
Data journalism: A primer for science journalists, The Open Notebook. (2014)
Data journalism for a database age, Quill. (2013)
Computer-assisted reporting, video interview for News Reporting and Writing, 11th edition. (2013)
In the age of big data, data journalism has profound importance for society, O'Reilly Radar. (2012)
How much programming should journalism students learn?, Journalism Student Weekly. (2012)
McClatchy's Star leads in digital Kansas City, NetNewsCheck. (2011)
Newspaper layoffs take their toll on local investigative reporting, About.com Journalism. (2011)
Requesting metadata with electronic records, The News Media & The Law. (2011)
Computer-assisted reporting, Der Blinde Fleck (the German equivalent of Project Censored). (2009)
Freedom of information, KBS (the Korean Broadcast System). (2008)

PRESENTATIONS AND TRAINING
Finding international data, presentation to Alfred Friendly Fellows at Missouri School of Journalism. (July 2015)
Using FOIA to get information about your country, presentation to Alfred Friendly Fellows at Missouri School of Journalism. (July 2015)
Mapping for investigative journalism, presentation to Alfred Friendly Fellows at Missouri School of Journalism. (July 2015)
Hand-on data journalism training, Alfred Friendly Fellows at Missouri School of Journalism. (July 2015)
Mapping mini-boot camp, hands-on training at Investigative Reporting Conference, Philadelphia. (June 2015)
Data journalism teaching week, lectures at Zhejiang University of Media and Communications, Hangzhou, China. (May 2015)
Tableau crash course: Building interactive visualizations without hiring a programmer, hands-on class, Journalism Interactive Conference at Missouri School of Journalism. (April 2015)

Uncovering racial and economic divides using data, panel at NICAR Conference, Atlanta. (March 2015)

Mapping mini-boot camp, hands-on training at NICAR Conference, Atlanta. (March 2015)

Using the U.S. Freedom of Information Act, presentation to visiting Sudanese journalists at Missouri School of Journalism. (March 2015)

Data journalism, presentation to visiting African journalists at Missouri School of Journalism. (Oct. 2014)

Data visualization for newspapers in the big data era, presentation to Zhejiang Daily Press Group, Zhongshan, China. (July 2014)

Data analysis in investigative reporting, presentation to Zhejiang Daily Press Group, Zhongshan, China. (July 2014)

News mapping in investigative reporting, presentation to Zhejiang Daily Press Group, Zhongshan, China. (July 2014)

Mapping tools, demonstration at Investigative Reporting Conference, San Francisco. (June 2014)

Mapping mini-boot camp, hands-on training at Investigative Reporting Conference, San Francisco. (June 2014)

Watchdog reporting, presentation at Illinois Press Association Conference, Springfield, Ill. (June 2014)

Behind OpenMissour.org, presentation at Missouri Ethics Commission, Jefferson City, Mo. (June 2014)

Using the U.S. Freedom of Information Act, presentation to visiting Iraqi journalists at Missouri School of Journalism. (May 2014)

Computer-assisted reporting, presentation to visiting Pakistani journalists at Missouri School of Journalism. (April 2014)

Build an interactive map in 60 minutes, presentation to ONA Mizzou at Missouri School of Journalism. (Feb. 2014)

Data negotiations: Getting around obstacles, panel at Investigative Reporting Conference, San Antonio, Tex. (June 2013)

Mapping-mini boot camp, hands-on training at CAR Conference, Louisville, Ky. (March 2013)

How the government is winning the war about releasing data, panel at CAR Conference, Louisville, Ky. (March 2013)

Data-driven journalism, presentation at The Right to Information and Transparency in the Digital Age Conference, Stanford University, Palo Alto, Calif. (March 2013)

Project Open Vault brown bag, presentation at Missouri School of Journalism, organizer. (Oct. 2012)

Mapping the news, presentation to Alfred Friendly Fellows at Missouri School of Journalism. (July 2012)

U.S. open records laws, presentation to Alfred Friendly Fellows at Missouri School of Journalism. (July 2012)

Investigative and computer-assisted reporting training, at Hangzhou Daily Press Group in Hangzhou, China. (July 2012)

Welcome to the world of data: Now what do you do?, panel at Investigative Reporting Conference, Boston. (June 2012)

Freedom of Information and transparency, discussion for Pakistan-U.S. Journalists Exchange at Missouri School of Journalism. (April 2012)

OpenMissouri: Connecting citizens with offline data, Ignite Talk at CityCampKC, Kansas City, Mo. (April 2012)

Mapping the news, presentation to Zhongzhan Daily Group at Missouri School of Journalism. (April 2012)

Chasing the paper trail: Using FOIA, public records acts and other means for finding key information, panel at National Innocence Network Conference, Kansas City, Mo. (March 2012)

OpenMissouri at age 1, brown bag presentation at Missouri School of Journalism. (March 2012)

Resources for open records, presentation at Missouri Sunshine Day at the Reynolds Journalism Institute. (March 2012)

Turning data into stories, presentation for Missouri Press Association at Missouri School of Journalism. (March 2012)

Locating the story: The latest in mapping, panel at NICAR Conference, St. Louis. (Feb. 2012)

Open gov: New data available from the transparency movement, panel moderator at NICAR Conference, St. Louis. (Feb. 2012)

How OpenMissouri can help you, presentation at St. Louis Post-Dispatch. (Jan. 2012)

Don't fear tech tools, presentation to ONA Mizzou chapter at the Missouri School of Journalism. (Nov. 2011)

U.S. open records laws, presentation to European journalists visiting NICAR as part of CAR Summer School 2011. (Oct. 2011)

Openness: From the routine business of government to West Virginia Homeland Security, panel at Marshall University, Huntington, W.Va. (Sept. 2011)

Mapping the news, presentation to Alfred Friendly Fellows at Missouri School of Journalism. (July 2011)

Tapping into state databases using OpenMissouri, presentation to Missouri Government Documents Conference at the University of Missouri. (June 2011)

Computer-assisted reporting training, for Korea Press Foundation journalists by NICAR at Missouri School of Journalism. (June 2011)

Cutting-edge tools for transparency: Better access to data and documents, panel at FOI Summit, Providence, R.I. (May 2011)

Computer-assisted reporting, presentation to Pakistan-U.S. Journalists Exchange at Missouri School of Journalism. (April 2011)

Data journalism, panel at CityCamp Colorado-NewsFoo, Denver. (Dec. 2010)

Government transparency, discussion with Panama Justice Delegation at Missouri School of Journalism. (Nov. 2010)

Investigative reporting, presentation to journalists visiting with the World Affairs Council of St. Louis at Missouri School of Journalism. (Oct. 2010)

Mapping the news, presentation to Alfred Friendly Fellows at Missouri School of Journalism. (July 2010)

Investigative and computer-assisted reporting, presentations at Economic Observer newspaper, Beijing. (June 2010)

The latest in mapping, panel at NICAR Conference, Phoenix. (March 2010)

Basic CAR stories for every newsroom, panel at NICAR Conference, Phoenix. (March 2010)

The latest and greatest in mapping for the news, presentation to Mizzou SPJ, Missouri School of Journalism. (March 2010)

Ethics in investigative reporting, presentation to Korea Press Foundation visitors at Missouri School of Journalism. (June 2009)

Computer-assisted reporting, presentation to Korea Press Foundation visitors at Missouri School of Journalism. (June 2009)

Computer-assisted reporting, presentation to visiting journalists from Chengdu, China, at Missouri School of Journalism. (April 2009)

Geodata tsunami, panel discussion at NICAR Conference, Indianapolis. (March 2009)

Creative ways to cover natural and man-made disasters, panel at NICAR Conference, Indianapolis. (March 2009)

GIS and health journalism, presentation at the California Endowment Health Journalism Fellowships at the Annenberg School for Communication, University of Southern California, Los Angeles. (Aug. 2008)

Mapping data for stories and graphics, presentation to visiting journalists with the Korea Press Foundation at Missouri School of Journalism. (June 2008)

The latest in mapping and the web, panel at NICAR Conference, Houston. (March 2008)

Better CAR coverage for insurance, panel at NICAR Conference, Houston. (March 2008)

CAR training: an educators' roundtable, panel discussion at NICAR Conference, Houston. (March 2008)

Mapping and the news, remote presentation via Skype to advanced reporting class at Western Washington University, Bellingham. (Nov. 2007)

Reporting with data, hands-on training for visiting journalists from Kosovo at the Missouri School of Journalism. (Sept. 2007)

Data on deadline, presentation at "Digging deep to tell better stories" workshop, sponsored by the Mid-American Press Institute, St. Louis. (Sept. 2007)

Mapping data for stories and graphics, presentation to visiting journalists with the Korea Press Foundation at Missouri School of Journalism. (June 2007)

Making sense of data: Basic analysis managers and reporters should know, panel at Investigative Reporting Conference, Phoenix. (June 2007)

The latest in investigations with mapping, panel at Investigative Reporting Conference, Phoenix. (June 2007)

Mapping the way to great news stories, brown bag presentation at the Missouri School of Journalism. (April 2007)

The latest in mapping: From ArcView to recent work, panel at NICAR Conference, Cleveland, Ohio. (March 2007)

Teaching CAR in journalism schools and newsrooms, panel at NICAR Conference, Cleveland, Ohio. (March 2007)

PROFESSIONAL AND ACADEMIC DEVELOPMENT
R programming, MOOC class from Johns Hopkins University on Coursera. Enrolled. (July 2015)

The Data Scientist's Toolbox, MOOC class from Johns Hopkins University on Coursera. Completed with distinction. (June 2015)

Investigative Reporting Conference, Philadelphia. (June 2015)

Journalism Interactive Conference at Missouri School of Journalism, (April 2015)

NICAR Conference, Atlanta. (March 2015)

Investigative Reporting Conference, San Francisco. (June 2014)

Transparency Camp, Alexandria, Va. (May 2014)

Investigative Reporting Conference, San Antonio, Tex. (June 2013)
Transparency Camp, Washington, D.C. (May 2013)
NICAR Conference, Louisville, KY. (March 2013)
The Right to Information and Transparency in the Digital Age, Stanford University, Palo Alto, Calif. (March 2013)
Investigative Reporting Conference, Boston. (June 2012)
CityCamp KC unconference. (April 2012)
National Innocence Network Conference, Kansas City, Mo. (March 2012)
NICAR Conference, St. Louis. (Feb. 2012)
HTML5 and CSS, University of Missouri IT Training, three classes. (July 2011)
FOI Summit, Providence, R.I. (May 2011)
South by Southwest Interactive Conference, Austin, Tex. (March 2011)
CityCamp Colorado unconference, Denver. (Dec. 2010)
Online News Association Conference, Washington, D.C. (Sept. 2010)
Gov 2.0 Summit conference, Washington, D.C. (Sept. 2010)
Reynolds Journalism Institute fellowship, Missouri School of Journalism. (Aug. 2010-May 2011)
NICAR Conference, Phoenix. (March 2010)
NICAR Programming mini-boot camp, hands-on training in python, Missouri School of Journalism. (May 2009)
NICAR Conference, Indianapolis. (March 2009)
NICAR Conference, Houston. (March 2008)
NICAR Conference, Cleveland. (March 2007)
Investigative Reporting Conference, Phoenix. (June 2007)

PROFESSIONAL AFFILIATIONS
Investigative Reporters and Editors (1989-present)
Missouri Sunshine Coalition, former member
Online News Association, former member

SERVICE
Campus committees:
Member, Technology Evaluation Subcommittee (2010-2014)
Member, data science M.S. program exploratory committee (2013-2014)

Journalism School committees:
Member, graduate faculty (2002—present)
Member, Larry Waller reporting fellowship selection committee (2012-present)
Member, Professional Partnerships committee (2011-present)
Member, Carnegie-Knight News21 Fellowship selection committee (2008-2015)
Member, committee to form guidelines for publishing master's professional project synopses on school website (2012)
Member, Teaching and Learning committee (2009-2011)
Member, Technology Committee (2008-2009)

Chair, Undergraduate Scholarship Committee (2006-2007)
Member, Undergraduate Scholarship Committee (2005-2006)

Journalism School job committees:
Member, search committee for assistant professor, strategic communication (2013) Harsh Taneja
Member, search committee for assistant professor, strategic communication (2013) Sungkyoung Lee
Member, selection committee for user support analyst (2012) Joe Collins

Course and curriculum development:
Helped create Data Journalism graduate model (2014)
Helped create Data Journalism undergraduate interest area (2014)
Helped develop Advanced Data Journalism, 2-cr class as section of JOUR- 4462/7462, Emerging Technologies in Journalism. (2012) Approved as a standalone 3-cr class, JOUR-4432/7432. (2014)
Helped create Watchdog (now Investigative) Journalism undergraduate interest area. (2012)
Helped develop JOUR-4301, Fundamentals of Data Reporting, 1-cr class for undergraduates from all sequences (2011)
Led Print and Digital News faculty group that proposed a 2-cr undergraduate Information Gathering and Analysis class. (2009-2010) Proposal failed.
Created JOUR-4440/7440: Mapping for News and Graphics, 2-cr class for undergraduate and graduate students from all sequences. (2008)
Member, Core Values curriculum revision committee (2007-2008)

Mentoring:
Walter Williams Scholars Program mentor, Thomas Oide (2015-2016)
Walter Williams Scholars Program mentor, Libbye Tellor (2014-2015)
Discovery Fellow mentor, Madeline Odle (2013-2014)
Discovery Fellow mentor, Jake Kreinberg (2009-2010)

Master's student committees:
Chair, Josh Benson project committee. *Strategies and technologies for protecting sources, investigative journalists, and national security reporters*. (2015-present)
Member, Joe Mahr thesis committee. *DocumentCloud and perceived audience perception of news credibility*. (2015-present)
Member, James Gordon project committee. *Machines of record: Building and breaking down data journalism's black boxes/Data analysis at Access Missouri*. (2015-present).
Member, Qing Tian thesis committee. *Visualization and connection: How information graphics and news games promote interaction between the media and audiences at six newspapers*. (2014-present)
Chair, Elizabeth Scheltens project committee. *CAR skills and professional support for K-12 education writers*. (2014-present)
Member, Roman Kolgushev thesis committee. *A case of documents in the cloud: What changes DocumentCloud brings to the practices of daily reporting*. (2014)

Chair, Yee Man Ng project committee. *How The New York Times uses information graphics and data visualizations for hard news and soft news and to foster engagement*. (2014)

Chair, Alex Richards project committee. *Data journalism at the Las Vegas Sun*. (2014)

Chair, Anna Boiko-Weyrauch project committee. *Case studies of investigative non-profit and public radio collaborations*. (2013)

Chair, Fedor Zarkhin project committee. *Impact of privacy exemptions in open records laws on computer-assisted reporting*. (2013)

Member, Haoyun Su project committee. *Nontraditional journalists on the front line of the digital transformation*. (2013)

Chair, Kyle Deas project committee. *Environmental reporting at KBIA radio.* (2012)

Member, Brian Johnson project committee. *Effective investigative reporting strategies by award-winning broadcast journalists in the digital age.* (2012)

Chair, Siwen Li project committee. *Interactivity: The transition of information graphics from print to digital platforms*. (2012)

Member, Lydia Mulvany project committee. *An investigation of government waste in emergency radio contracts/A study of Sunshine logs of Missouri state agencies*. (2012)

Member, Brad Racino project committee. *Investigative reporting and multimedia work for Investigative Newsource/The deliberative process privilege and its current status in 11 states.* (2012)

Chair, Joseph Yerardi project committee. *CAR reporting at the Center for Public Integrity/For data journalism, communication – internal and external – is key.* (2012).

Member, John Reynolds thesis committee. *Career paths of federal FOIA officers*. (2011)

Member, Bruce Troetschel project committee. *Grounded Immigration: Where in the world is Horatio Alger?* (2011)

Member, Chris Hamby project committee. *The Ryan Ferguson Case: An examination of a strange murder and conviction.* (2010)

Chair, Elizabeth Lucas, project committee. *How to get your hands on federal data: Best practices of national journalists*. (2010)

Chair, Yan Wang project committee. *Visualization for computer-assisted reporting stories*. (2009)

Member, Amber Taufen project committee. *Getting to the source: Village Voice Media investigative reporters and their source relationships.* (2009)

Member, Kryssy Pease project committee. *Computer-assisted reporting and broadcast journalism: A medium specific approach.* (2009)

Chair, Jessica Nunez project committee. *The miniature watchdog: Is investigative reporting effective without a big budget?* (2009)

Member, Gavin Off project committee. *Anonymous sources in Washington, D.C., reporting.* (2008)

Chair, Grant Smith project committee. *Best practices and Gannett News Service: Achieving successful computer-assisted reporting.* (2008)

Chair, Kevin Quealy project committee. The paradox of data and interactive graphics: Why more is usually less. (2008)

Chair, Aaron Ancel project committee. *Developing a database library and keeping it going.* (2008)

Member, Kevin Crowe project committee. *How did you do that? The gatekeeping role of reporters in computer-assisted reporting.* (2007)

Member, Ben Poston project committee. *The wrongful conviction of Josh Kezer.* (2007)
Chair, Le Nghiem Thi Xuan project committee. *Best practices of young successful computer-assisted journalists.* (2007)
Member, David Castillo project committee. *Computer-assisted reporting and an analysis of AIDS coverage and ethnic racial minorities in The Advocate.* (2007)

Advising:
Current master's students:
Brittany Crocker
Andrew Kreighbaum

Previous:
Nathan Birt
Anna Boiko-Weyrauch
Gwen Girsdansky
Christopher Hamby
Yee Man Ng
Mark Szakonyi
Kaikang Wang
Joseph Yerardi

Previous undergraduate students:
Alexandra Cartee

Assistance to campus journalists:
Report shows arrest rate disparities in Missouri, by Hanna Battah on KOMU8 (Feb. 16, 2015)
How Columbia could be more segregated than Ferguson, by Bram Sable-Smith on KBIA (Jan. 9, 2015)
MU's Office of Student Conduct handles few sex offense cases, by Samantha Sunne in the Missourian (Dec. 4, 2014)
Analysis: Blacks overrepresented in Columbia traffic stops and arrests, by Jon McClure in the Missourian (May 15, 2013)
Salaries up at MU for full-time professors, analysis shows, by Yan Wang in the Missourian (Dec. 10, 2007)
State, county maintain disparate offender lists, by Benjamin Poston in the Missourian (Dec. 27, 2006)
Analysis: Wastewater permits expired, by Rebecca Townsend in the Missourian (Nov. 28, 2006)

Contest judging:
Association of Area Business Publications Awards (2003-2015)
Parenting Publications of America Awards (2003-2010)
Lowell Thomas Travel Journalism Awards, Society of American Travel Writers Foundation (2003-2008)

INVESTIGATIVE REPORTERS AND EDITORS SERVICE
Academic adviser, National Institute for Computer-Assisted Reporting. NICAR is a joint program of the Journalism School and IRE that is operated by IRE. (2002-present)

Uplink:
Managing editor of NICAR's online data journalism publication. Assign and perform first-read edits of articles written by leading data journalists and graduate students. Oversaw transition from print to Web. Subscriber-based with around 200 paid accounts, including libraries and international journalists. (Aug. 2002-present)
Assistant managing editor, *Uplink*. Helped assign and edit articles for print publication. (March 2002-Aug. 2002)

Boot camp training:
Lead instructor, CAR boot camps three times yearly at Missouri School of Journalism. Coordinate and schedule weeklong training for up to 22 participants, including two to three students. (2002-present)
Co-instructor, mapping mini-boot camps, yearly at Missouri School of Journalism. Coordinate and schedule weekend training for up to 16 participants, including two to three students. (2002-present)
Oversaw revisions to CAR boot camp training materials. (2007)

Database library:
Assist database library director with planning and operations as needed. Work with graduate research assistants on projects. (2002-present)
Interim co-director during vacancy. (May 2009- Aug. 2010)
Interim director, during search for replacement. (Jan-May 2008)

Other service:
Help plan panels and hands-on sessions at Investigative Reporting and NICAR annual conferences. (2002-present)
Serve as selector for IRE-Esri mapping training fellowships, 13 awarded yearly. (2013-present)
Mapping analysis with graduate research assistant Andrew Kreighbaum. *10 spots most St. Louis car break-ins occur* for KSDK-TV. (May 18, 2015)
Developed Rate and Ratios in Excel lesson plan for instructors and students as part of NICAR Course Packs. (2014)

JOURNALISM PROFESSIONAL EXPERIENCE
The Providence Journal, Providence, R.I. (1997-2002)
Investigative reporter specializing in computer-assisted reporting. Also, conducted in-house CAR training for news staff.

The Morning Call, Allentown, Pa. (1990-1996)
Computer-assisted reporting editor. Helped establish and direct newsroom CAR effort. Supervised database reporter and trained staff.
Database reporter assigned to developing CAR stories on own and with other reporters.

The Baltimore Sun, Bel Air, Md. (1989-1990)
Suburban editions reporter, primarily covering business and the environment.
Substitute editor for suburban zoned edition.

The Mercury, Pottstown, Pa. (1988-1989)
Copy editor, stringer coordinator and reporter covering commercial nuclear power and municipal government.

The Free Press, Quakertown, Pa. (1987-1988)
Reporter

JOURNALISM PROFESSIONAL RECOGNITION
Poisoned - series about child lead poisoning in The Providence Journal (shared awards)
New England AP News Executives Association Community Service Award for series website. (2002)
New England AP News Executives Association Sevellon Brown Award for Public Service. (2002)
New England Press Association Publick Occurrences Award for Superior Achievement. (2002)
Casey Medal, runner-up (2001)

City Hall corruption – continuing coverage in The Providence Journal (shared award)
New England AP News Executives First Place for General News. (2001)

Rhode Island on Trial – series about governor's office corruption in The Providence Journal (shared awards)
New England AP News Executives Second Place for General News. (1999)
New England Press Association Publick Occurrences Award for Superior Achievement. (1998)

OSHA: Cracks in the shield – series about lax workplace safety in The Morning Call (shared award)
Pennsylvania News Publishers Association Second Place for News Series. (1996)

State rep's hidden interest in asbestos dump – stories in The Baltimore Sun (individual awards)
Maryland-Delaware-D.C. Press Association First Place Public Service Award. (1990)
SPJ-Maryland Professional Chapter Excellence in Journalism. (1990)