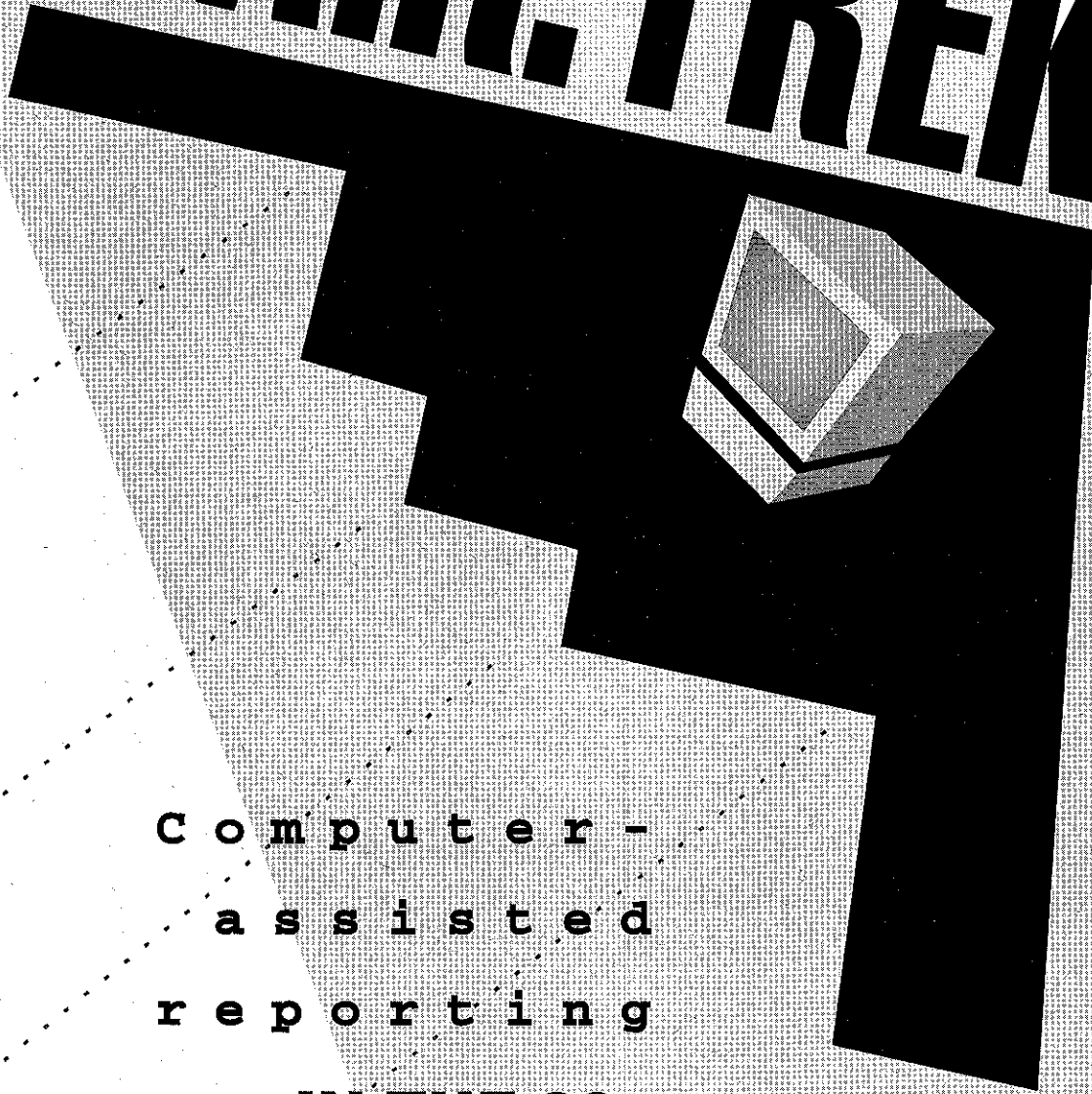


Investigative Reporters and Editors

C.A.R. TREK



C o m p u t e r -
a s s i s t e d
r e p o r t i n g

IN THE 90s

**National conference
Silicon Valley, Oct. 6-9, 1994**

Welcome to Silicon Valley . . .



. . . and to the future of journalism. We hope that over the next three and one-half days you'll be inspired, challenged and charged up by the programs, training and speakers we've brought here.

This is most likely the largest gathering of computer-assisted journalists ever, with more than 110 experts, including some of the pioneers in the field, seers who fore-saw that electronic research would become as basic to newsgathering as interviewing by telephone and attending city council meetings.

Some of the most imaginative and important reporting of recent years has come out of computers. The techniques you sample or master over the next few days will lead you to stories never before possible, stories that will open the eyes of our readers and viewers to how our institutions work and our world is changing.

So, take advantage of the talent and experience you'll find here at C.A.R. Trek. If we've done our job right, you'll leave the conference overloaded with information, and as excited as we are about the future for great journalism.

Jonathan Krim
assistant managing editor/business & special projects
San Jose Mercury News

Rosemary Armao
executive director
Investigative Reporters and Editors

Brant Houston
managing director
National Institute for Computer-Assisted Reporting

Conference highlights



Hands-on training

Paid conference participants should have received hands-on classroom assignments in their packets. As often as possible, assignments have been made with your skill level and preferences in mind. The conference schedule has been designed to enable you, especially if you're a novice or intermediate computer user, to follow a curriculum track by taking panel sessions first, then classroom sessions to get hands-on training.

If you signed up for hands-on training and did not get an assignment sheet, or if it does not match your skills, see the classroom coordinator at the IRE registration desk as soon as possible. To accommodate everyone, some people may be assigned to take one evening class either Thursday or Friday night.

Practice rooms

Want to practice some of the things you've learned, or play with other applications? All five of the hands-on classrooms - Lawrence, Camino Real, Alameda, Bayshore East and Bayshore West - will be open for practice each night after 9:30. Each room has 25 computers, loaded with varying applications. See the postings outside each room for times and applications that can be used.

Demo room

IRE's National Institute for Computer-Assisted Reporting will set up shop in the San Tomas Room with special demonstrations of the latest in high-tech equipment and applications. Staff will be on hand to answer questions and offer advice.

Special features include a tour of the computer desktop of John Markoff, technology writer for the New York Times, and the mobile data-collection system of Bob Port of the St. Petersburg Times.

Ethics super-session

An all-star panel, led by ethicist Michael Josephson, will explore growing ethical dilemmas in the on-line world. Panelists will include John Markoff of the New York Times, author Howard Rheingold, attorney Michal Godwin of the Electronic Frontier Foundation and media attorney Rex Heinke. Come and participate on Thursday evening at 6:30 in the Winchester and Stevens Creek rooms. For details, see page 9.

Handouts

Many speakers at the C.A.R. Trek conference have provided handouts that are available on a special computer disk, in either Windows or ASCII-text formats. See the IRE registration area for a diskette. That's where you can also buy IRE books, data, T-shirts and tapes of previous sessions; post messages; locate other conference participants, and read job postings.

Reprints

Visit the Central Room to pick up copies of computer-assisted reporting projects that have appeared around the country.

Vendors

More than a dozen vendors are here, in the open mezzanine area, to show you the latest technologies for computer-assisted reporting for you and your news organization. Some will offer special discounts. For a complete list of vendors and their products, see page 12.

Luncheon with keynote speech

John Battelle, managing editor of Wired magazine, will speak during our luncheon banquet at noon Saturday in the convention center. For details, see page 9.

Inside

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Friday night reception

The San Jose Mercury News is your host for a cash-bar reception at the Tech Museum of Innovation, 145 W. San Carlos St., in downtown San Jose. Follow the map on pages 10 and 11 for driving or light-rail directions. The museum features fascinating exhibits on the history and making of semiconductor chips and other computer technologies. 6:30 to 9:30.

Therapeutic massage

Extensive computer use can be tough on hands, arms, shoulders and necks. We invite you to visit our trained, on-site therapeutic-massage practitioners on the mezzanine level near the vendor tables. For a small fee, they will provide 15-minute, fully clothed sessions in special massage chairs.

Panels at a glance

For complete course descriptions, see pages 6 and 7.



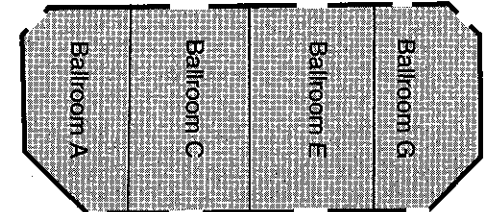
THURSDAY				FRIDAY			
Santa Cruz	Winchester	Stevens Creek	Room	Santa Cruz	Winchester	Stevens Creek	Room
Introduction to C.A.R. B	Medical Data Bases E	Surfing Internet I A	8 to 9:10 a.m.	Introduction to C.A.R. B	Crime E	Introduction to the Internet B	
Power of C.A.R. B I	Number Crunching A	Linking to Your Library E	9:20 to 10:30 a.m.	Power of C.A.R. I B	Education E	California access E	
What You Need B	C.A.R. and Macs B	Most of Searches B I	10:40 to 11:50 a.m.	Build Data Bases B A	The Environment E	Introduction to On Line B	
LUNCH				LUNCH			
Intro to Spreadsheets B	Welfare, Housing E	California Gov't on Line E	1:40 to 2:50 p.m.	The Census E	C.A.R. for Features E	News of the Future E	
Intro to Data Bases B	Immigration E	SPSS, SAS B I	3:10 to 4:20 p.m.	C.A.R. on shoestring B I	Campaign contributions E	Introduction to the Internet B	
Soup to Nuts B I	Mapping B I	Intro to On Line B I	4:30 to 5:40 p.m.	Ballroom A Dissecting agencies E	Fed. Election Financing E	Gov't Data Bases B I	
ETHICS SUPER-SESSION In Winchester and Stevens Creek rooms.				RECEPTION At the Tech Museum of Innovation, 145 W. San Carlos St., downtown San Jose			
				6:30-8 p.m.			6:30-9:30 p.m.

Panels at a glance

For complete course descriptions, see pages 8 and 9.



SATURDAY				SUNDAY			
Santa Cruz	Winchester	Stevens Creek	Room	Stevens Creek	Winchester	Santa Cruz	Room
Beat E	Gender and Race E	Surfing Internet I A	8:00 to 9:10 a.m.	Shoe Leather E	Advanced Statistics A	Data in Trim I A	
Workplace Safety E	Data Bases for Business E	Training Trainers I A	9:20 to 10:30 a.m.	Telling the Story E	Hiero-glyphics B I	CD-ROMs I A	
Data and the Law E	C.A.R. & Graphics B I	C.A.R. for Broadcast B I	10:40 to 11:50 a.m.				
LUNCH With keynote speech in Convention Center Ballrooms A, C, E and G combined.				LUNCH noon to 2 p.m.			
Organizing Files B I	Cyberlaw E	The Next Generation E	2 to 3:10 p.m.				
Preach, Pitch, Pray E	Nine-track Cartridge B I	Bad Data E	3:20 to 4:30 p.m.				
Point and Shoot I A	Programming A	Turning On-line to Stories E	4:40 to 5:50 p.m.				



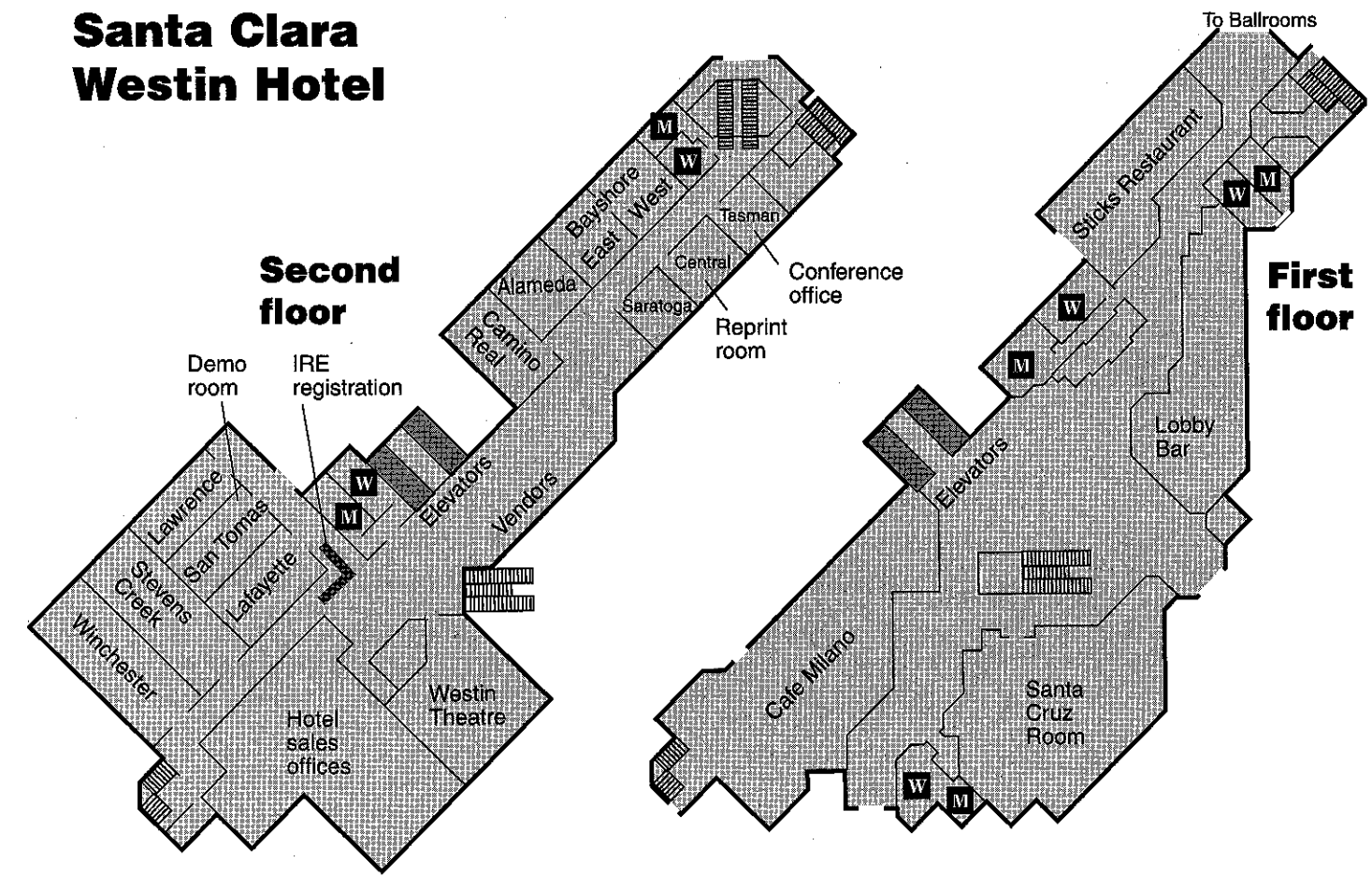
Santa Clara Convention Center

Getting a clue: What's right for you?

These symbols will help you select panels geared for your comfort level:

BEGINNING If you're just getting started, these sessions will help you get up to speed with an easy introduction to new technologies. B	INTERMEDIATE If you've already gotten your feet wet, these sessions will take you further, offering you tips to help develop your skills. I	ADVANCED If you're proficient with computers and applications, these sessions will offer ways to enhance your skills. A	EVERYONE These sessions aren't technical but offer useful information regardless of your computer literacy. E
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Santa Clara Westin Hotel



Thursday panel sessions



8 a.m.

Introduction to C.A.R. **B**

What is data? What's a record? A megabyte? What does on line mean? For people just starting out, this crucial overview session explains the basics. Panelists: Ron Campbell and Rich Gordon. *Santa Cruz Room*. Repeated at 8 a.m. Friday.

Surgical Strikes with Medical Databases **B**

Medical databases are providing hard-hitting stories across the country. Reporters describe how to find and use those databases. Panelists: Fred Schulte, Hal Straus and Doug Podolsky. *Winchester Room*.

Surfing the Internet **I** **A**

An in-depth look at the array of resources available on the Internet and demonstrations of how to get there. For those who already have basic understanding of the Net. Panelists: Matt Reavy and Kevin Woodward. *Stevens Creek Room*. Repeated at 8 a.m. Saturday.

9:20 a.m.

The Power of C.A.R. **B** **I**

What can you accomplish with computer-assisted reporting? A lot. Here are 25 great story ideas, big and small, in 70 minutes. Panelists: Rosemary Armao and Neil Reisner. *Santa Cruz Room*. Repeated at 9:20 a.m. Friday.

Number Crunching for Journalists **B** **I**

Many pitfalls await the journalist who wishes to dally in numbers and statistics. Here are important do's and don'ts so you don't end up looking foolish. Panelists: Neill Borowski and Jon Schmid. *Winchester Room*.

Linking to Your Library **B**

Journalists sometimes overlook the resources of the library and forgo important partnerships with newsroom librarians. Here's how working together has produced prize-winning stories. Panelists: Nora Paul, Margot Williams and Alison Head. *Stevens Creek Room*.

10:40 a.m.

What You Need **B**

From hardware to software, learn about the kind of equipment you need to get up and running, and some inexpensive ways to do it. Panelists: Bob Port and Drew Sullivan. *Santa Cruz Room*.

C.A.R. and Macs **B**

See how Macintosh computers can be used for numerous computer-assisted reporting projects, including a demonstration of Mac's abilities. Panelists: Olin Briggs and Jillian Kaskey. *Winchester Room*.

How to Get the Most Out of Your Searches **B** **I**

The on-line world is a big ocean that can swallow you up and break your budget. Listen to one of the best searchers in the business tell you how to make the most of your time on line. Panelists: Nora Paul and Margot Williams. *Stevens Creek Room*.

1:40 p.m.

Introduction to Spreadsheets **B**

What's a spreadsheet? What can you do with it? Here's a basic primer on this powerful and valuable tool, and how you can start using it immediately for stories. Panelists: Steve Ross and Danny Sullivan. *Santa Cruz Room*.

California Government On-line **B**

More and more agencies in California are making data available on line. Hear what's available from the state, and from public-interest groups, from those who are making it happen. Panelists: Kim Alexander, Jim Warren and Linda Gregory. *Stevens Creek Room*.

Welfare and Housing Information **B**

Welfare and housing programs are often rife with abuse, but there's a lot of data to help expose it. Hear how to do it, from those who already have. Panelists: Peter Overby, Dorian Friedman and Mike Casey. *Winchester Room*.

3:10 p.m.

Introduction to Relational Database Programs **B**

These programs let you manipulate huge volumes of information, analyze and extract key data, and match data in different files. Panelists: Ted Mellnik and Dan Browning. *Santa Cruz Room*.

Statistical Analysis with SPSS and SAS **B** **I**

How many times have you heard, "Results of this poll are accurate within plus or minus 3 percentage points"? With software like SPSS and SAS, you, too, can work through statistical analysis using techniques that will make your analyses rock solid. Panelists: Sarah Cohen, Steve Doig and Richard O'Reilly. *Stevens Creek Room*.

Exposing Immigration Abuses **B**

Immigration is one of the nation's hottest issues. How can you use to use data to explore immigration patterns and reveal problems? Panelists: Carla Marinucci and Penny Loeb. *Winchester Room*.

4:30 p.m.

Two Projects, Soup to Nuts **B** **I**

This session takes you through the planning and execution of two C.A.R. projects, highlighting techniques and potential pitfalls. Panelists: Tom Heslin and Tom Curran. *Santa Cruz Room*.

Mapping with Atlas GIS and Mapinfo **B** **I**

Your computer-assisted analysis is done: 75 areas in your circulation area are on the list. Mapping them can enhance your story. This session demonstrates how to use mapping to analyze and present data. Panelists: Scott Anderson and Jennifer LaFleur. *Winchester Room*.

Introduction to the On-line World **B**

Enter the world of bulletin boards and on-line databases. What you find can range from fun and frivolous to serious research; this primer will get you started. Panelists: Susan Jaffe, Rich Robertson. *Stevens Creek Room*. Repeated at 10:40 a.m. Friday.

Friday panel sessions



8 a.m.

Introduction to C.A.R. **B**

What is data? What's a record? A megabyte? What does on line mean? For people just starting out, this crucial overview session explains the basics. Panelists: Ron Campbell and Rich Gordon. *Santa Cruz Room*.

Introduction to the Internet **B**

It's the hottest thing going, but just what is it, exactly? How can you get started navigating it? If you're a Net neophyte who wants to learn more, this is the place to start. Panelists: Tom Johnson and Dan Gillmor. *Stevens Creek Room*.

Crime in the Community **B**

Using crime data can bring this story home to readers in unique ways. This panel will show you how to get the story at every level, right down to individual streets. Panelists: Tom Philp, Adam Berliant and Bill Casey. *Winchester Room*.

9:20 a.m.

The Power of C.A.R. **B** **I**

What can you accomplish with computer-assisted reporting? A lot. Here are 25 great story ideas, big and small, in 70 minutes. Panelists: Neil Reisner and Bill Dedman. *Santa Cruz Room*.

California Access **B**

California's laws are particularly gray when it comes to access to computerized records. For those working in California, this will be a valuable, tailored session on access problems in the Golden State. Panelists: Ed Davis and Terry Franke. *Stevens Creek Room*.

Using C.A.R. for Education Probes **B**

Educators love to keep databases. Here's how to make use of them so that parents, teachers and even the kids can learn something about what goes on in their school districts. Panelists: Aleta Watson and Penny Loeb. *Winchester Room*.

10:40 a.m.

Introduction to the On-line World **B**

Enter the world of bulletin boards and on-line databases. What you find can range from the fun and frivolous to serious research; this basic primer will get you started. Panelists: Susan Jaffe and Rich Robertson. *Stevens Creek Room*.

Covering the Environment with C.A.R. **B**

From toxic-waste shipments to vanishing wildlife species, using computers can get you stories that will get people talking. Panelists: Dave Davis, Russell Clemings and Scott Thurm. *Winchester Room*.

Building Databases **B** **I** **A**

Whether you are doing data entry or buying data, you need to have a plan so your databases can work together. Here are some basic tips. Panelists: James Brown and Barbara Pearson. *Santa Cruz Room*.

1:40 p.m.

News of the Future **B**

Where is the news business headed in the Information Age? Are newspapers journalistic dinosaurs? Where will our grand projects be published? And how will the changing nature of the medium affect the investigations we pursue? Panelists: Robert Ingle and Bill Mitchell. *Stevens Creek Room*.

C.A.R. for Feature Stories **B**

Computer-assisted journalism isn't just for endlessly serious news stories or investigative projects. It can produce fascinating, relevant feature stories, too. Panelist: Kenton Robinson. *Winchester Room*.

The Census **B**

It is six years until the next Census, but there are still plenty of stories that can be done from the 1990 figures. Here are ideas on stories and on techniques to get them done, from reporters and Census officials. Panelists: Marilyn Lewis, Jerry Wong and Greg Reeves. *Santa Cruz Room*.

3:10 p.m.

C.A.R. on a Shoestring **B** **I**

It doesn't have to be expensive to do computer-assisted reporting. Here are strategies for keeping it inexpensive for small to medium-sized papers. Panelists: Russell Clemings and James Derk. *Santa Cruz Room*.

Campaign Contributions **B**

From your local school board or council race to statewide campaigns, here's how computers can help keep track of the money trail and root out great stories. Panelists: Alan Levin and Craig Staats. *Winchester Room*.

Introduction to the Internet **B**

Repeat of 8 a.m. panel. *Stevens Creek Room*.

4:30 p.m.

Government Databases **B** **I**

From agriculture to telecommunications to the weather, governments are putting more data on-line. What's available from whom, and where to look for it. Panelists: Elizabeth Marchak and Tom Moore. *Stevens Creek Room*.

Federal Election Financing **B**

How to get Federal Election Commission records, including on-line, for contribution and other campaign finance data on Congressional races and presidential elections. Panelists: Jacqueline Duobinis and Richard Mullins. *Winchester Room*.

Dissecting large bureaucracies **B**

Want to take apart and explore a major agency and its performance? Here are tips and techniques from one of the nation's leading experts. Panelist: Susan Long. *Ballroom A*.

B	I
Beginning Intermediate	
A	E
Advanced Everyone	

Saturday panel sessions



8 a.m.

Beat Reporting and C.A.R.

Computer-assisted reporting is not just for in-depth projects. Here are ways to use it on your beat, and even on deadline. Panelists: Brant Houston, Dave Migoya and Carol Napolitano. *Santa Cruz Room.*

Inequality, Gender and Racial Disparity

Numerous databases can help you expose unfairness in the workplace, in the court system, and elsewhere. Here's where to look for the information, and what to do when you find it. Panelists: Bob Paynter and Chris Schmitt. *Winchester Room.*

Surfing the Internet

An in-depth look at the array of resources available on the Internet and demonstrations of how to get there. For those who already have basic understanding of the Net. Panelists: Barry Parr, Matt Reavy and Kevin Woodward. *Stevens Creek Room.*

9:20 a.m.

Databases for Business

Business databases are growing, yet they are largely uncharted territory for most newspapers. Here's how to search on-line databases or match business databases with other information to get in-depth and probing stories. Panelists: Ricardo Sandoval and Ron Wolf. *Winchester Room.*

Workplace Safety

Data on workplace injuries and death can be a gold mine of stories. Hear from some expert prospectors on how to do it. Panelists: Mike McGraw and Mike Casey. *Santa Cruz Room.*

Training

You're supposed to go back to your paper and teach all this to everyone else? Or your paper is looking for better ways to train its newsroom? Here are things to do, and things to avoid. Panelists: Anne Saul, Jennifer LaFleur and Lisa Van Asch. *Stevens Creek Room.*

10:40 a.m.

Data and the Law

Public records laws won't always get you the data you need or in the form you need it. And there are constant attempts to keep journalists from getting the data they seek. Learn how to break down the obstacles. Panelists: Dave Armstrong and Jamie Love. *Santa Cruz Room.*

C.A.R. and Graphics

Words are great, but graphics really make stories come alive, especially for computer-assisted reporting. This session explores ways to present results right from your spreadsheet or database program, and looks at other programs for displaying information. Plus, a look at the growing world of graphics available on-line. Panelists: Chris Gulkner, Steve Doig, Bryan Monroe and Carl Neiburger. *Winchester Room.*

C.A.R. for Broadcast

Computer-assisted journalism for broadcasters is growing fast. Some of the industry's experts will show you how it's done. Panelists: Alan Cox, Mark Gillespie and Patrick Weiland. *Stevens Creek Room.*

2 p.m.

Organizing Notes and Files

Getting lost in the tons of notes you've taken? These applications can organize and track large volumes of information. Panelists: Dan Woods and Morgan Cartwright. *Santa Cruz Room.*

C.A.R. Trek: The Next Generation

What comes after spreadsheets, relational databases and bulletin boards? Some ideas from pioneers of computer-assisted journalism. Panelists: Brant Houston, Elliot Jaspin, Philip Meyer, Dwight Morris. *Stevens Creek Room.*

Cyberlaw

It's a brave new on-line world, but can you reprint information from the Net? Who's responsible for slanderous material? What about intellectual property rights? Legal experts examine these and other thorny questions. Panelists: Heather Rafter and Anita Brenner. *Winchester Room.*

3:20 p.m.

Nine-track and Cartridge Technology

They might look big and imposing, but those tape reels are no different than a music cassette. A road map and some modest massaging can translate the reams of information into a form your PC can use. This session explores techniques, hardware and software you'll need. Panelist: Elliot Jaspin. *Winchester Room.*

Bad Data

You just spent a bunch of money to buy some government records. But that doesn't mean they are accurate, or even valid measurements of anything. How to spot data that might be filled with problems or errors, and what to do about it. Panelists: Pete Carey and George Landau. *Stevens Creek Room.*

Preach, Pitch and Pray

You know the joys of a long C.A.R. ride. But your editors and publishers have never taken a spin around the block and have sticker shock after reading your proposal. Here's how to sell the benefits of C.A.R. to the bosses. Panelists: Rose Ciotta, Bill Dedman and David Stoeffler. *Santa Cruz Room.*

4:40 p.m.

Turning On-line Info into Stories

It's one thing to surf the net or other on-line services; it's another to produce stories from it. This panel will help you separate the wheat from the chaff. Panelists: Deborah Crowe and Howard Bryant. *Stevens Creek Room.*

Programming

If your software doesn't quite get the job done, you can be a true power user by programming yourself. This session explores writing your own code and using languages that come with software. Panelists: Richard Mullins and Wendell Cochran. *Winchester Room.*

Point and Shoot

Folks in your newsroom may be slow to embrace computer skills. Here's how to set up easy-access databases that any reporter can use. Panelists: Dan Woods and Morgan Cartwright. *Santa Cruz Room.*

Sunday panels

8 a.m.

Advanced Statistics

Multi-level cross-tabs, regression analysis and other techniques for the advanced user. Panelist: Philip Meyer. *Winchester Room.*

Keeping Your Data in Shape

Techniques for scrubbing your databases, keeping them up to date, organized and useful after your project is done. Panelists: Dave Armstrong, John Freed and Jeff Kummer. *Stevens Creek Room.*

Old-fashioned Shoe Leather

Tapping into the world of on-line information and databases can be seductive, but it's only the beginning of the story. You still have to get out from behind that computer screen and hit the streets. Don't become a geek; come to this session. Panelists: Rick Tulsy, David Dietz and George Jordan. *Santa Cruz Room.*

9:20 a.m.

Telling the Story

Crunching numbers is part of the job; injecting life into them and writing a compelling story is no easy task. Here's how, from experts who have done it. Panelists: Mary Pat Flaherty and Craig Flournoy. *Santa Cruz Room.*

From Hieroglyphics to Data

Often, you don't receive data in the form you want. Here are techniques for taking data on paper or in ASCII format and putting it into a database manager, using scanners and/or other special software to make use of your information. Panelists: Tom Boyer and Shawn McIntosh. *Winchester Room.*

Mind-blowing CD-ROMs

What's good about them? What are their applications for C.A.R.? Do they make sense for storage? A look at this growing technology. Panelists: James Derk and Kathleen Flynn. *Stevens Creek Room.*

Special events



Saturday, noon Ballrooms A, C, E and G.

The media are changing rapidly, but are they changing for the better?

At the Saturday luncheon banquet, you'll hear keynote speaker John Battelle, managing editor of Wired magazine, talk about why many in the media are missing the boat.

Battelle has been managing editor since Wired's inception in 1992. He previously was a writer and edi-



Battelle

tor at the Los Angeles Times. While completing his graduate degree at the University of California, Berkeley, Battelle founded the Pacific, a magazine devoted to Pacific Rim issues. He has also worked at MacWeek, an industry trade journal.

Wired magazine has rapidly become the nation's leading journal covering the people, ideas and companies that comprise the digital revolution.

Wired has been available electronically since its inception and plans to dramatically expand its digital offerings.

Super-session on ethics

Thursday, 6:30-8 p.m. Winchester and Stevens Creek rooms

Who owns words on the Internet? Should reporters be able to read other people's e-mail? Quote from on-line conversations?

These and other thorny questions are multiplying as on-line communication grows. We've assembled an all-star panel to tackle and debate some of these questions.

The discussion will be led by Michael Josephson, one of the nation's leading ethicists.

The founder and president of the Josephson Institute of Ethics, based in southern California, Josephson has been described as "a kind of Don Quixote trying to improve the ethical quality of American society."

He conducts nearly 100 programs a year for leaders in government, journalism, business, law, education and the non-profit community.

He is a graduate of UCLA and UCLA law school and was a law professor and publisher of bar exam preparation courses before he sold his business to found his institute.

Josephson will be joined on the panel by:

■ **John Markoff**, chief technology writer for the New York Times.

■ **Howard Rheingold**, high-tech social historian and futurist, co-founder of the Well, a major on-line computer service, and author of *The Virtual Community*, which explores how society will change with the advent of computer communication.

■ **Michael Godwin**, general counsel for the Electronic Frontier Foundation, a non-profit public-policy organization promoting both the building of the information super-highway and the protection of individual civil liberties along the way.

■ **Rex Heinke**, attorney with Gibson, Dunn & Crutcher in Los Angeles, who represents many media clients, including the Los Angeles Times and the Long Beach Press-Telegram.



Josephson



Extracurricular activities

Dining in, out and around

In the Santa Clara Westin:

Variety: Caffe Milano, (408) 980-3900.

Pacific Rim: Sticks, (408) 986-0700.

In the Westin's vicinity:

California: Birk's, 3955 Freedom Circle. (408) 980-6400.

American: Bennigan's, 4150 Great America Parkway. (408) 748-0378

Sandwiches: Togo's, 4300 Great America Parkway. (408) 727-3971.

Pizza: Round Table, 4300 Great America Parkway. (408) 970-9000.

Seafood: J.W. Sea Grill, Marriott Hotel, 2700 Mission College Blvd. (408) 988-1500.

Mexican: Pedro's, 3935 Freedom Circle. (408) 496-6777.

Continental: David's Restaurant, 5151 Stars and Stripes Drive. (408) 986-1666.

American: Old Ironsides Cafe, 4655 Old Ironsides Drive. (408) 727-5147.

Elsewhere in Santa Clara:

Indian: Empress of India, 3426 El Camino Real, Santa Clara — look for the Dairy Belle. (408) 296-0717.

Italian bistro: Mio Vicino, 1290 Benton St. at Monroe Street. (408) 241-9414.

Downtown San Jose:

Italian: Il Fornaio, 302 S. Market St. (408) 271-3366.

Barbecue: Henry's World Famous Hi Life, 301 W. St. John St., just west of Highway 87. (408) 295-5414.

California: Eulipia, 374 S. First St. (408) 280-6161.

German: Germania Restaurant at the Hochburg, 261 N. Second St. (408) 295-4484.

Vietnamese: Vung Tau Restaurant, 555 E. Santa Clara St. (408) 288-9055.

Elsewhere in San Jose:

Ethiopian: Red Sea Restaurant, 684 N. First St, San Jose. (408) 993-1990.

Japanese: Tsugaru Restaurant, 224 Jackson St., San Jose. (408) 275-1493.

Mexican: Aqui, 1145 Lincoln Ave., San Jose, (408) 995-0381.

Continental: Eight Forty North First, 840 N. First St., San Jose. (408) 282-0840.

Cambodian: Chez Sovan, 2425 S. Bascom Ave., San Jose. (408) 371-7711.

Sights in Santa Clara County and vicinity

Children's Discovery Museum, 180 Woz Way, near Auzerais and San Carlos streets, San Jose. 10 a.m. to 5 p.m. Tuesday through Saturday, noon to 5 p.m. Sunday. \$6 for adults, \$5 for seniors, \$4 for age 2 to 18. (408) 298-5437.

de Saisset Museum, 500 El Camino Real, Santa Clara. 11 a.m. to 4 p.m. Daily except Monday. (408) 554-4528.

Egyptian Museum and Planetarium, Rosicrucian Park, 1342 Naglee Ave., San Jose. 9 a.m. to 5 p.m. daily. \$6 for adults, \$4 for seniors and students, \$3.50 for age 7 to 15. Under 7 free. (408) 947-3636.

Hakone Japanese Gardens, 21000 Big Basin Way (Highway 9) at Springer Ave., Saratoga. 10 a.m. to 5 p.m.

Monday through Friday, 11 a.m. to 5 p.m. Saturday and Sunday. (408) 741-4994.

Intel Museum, Robert Noyce Building, 2200 Mission College Blvd., Santa Clara. 8 a.m. to 5 p.m. Monday through Friday. Free. (408) 765-0503.

Monterey Bay Aquarium, 886 Cannery Row in Monterey. 10 a.m. to 6 p.m. daily. \$11.25 for adults, \$8.25 for seniors,

students and active U.S. military personnel, \$5 for children 3 to 12 and the disabled. (408) 648-4888.

Municipal Rose Garden, Naglee Avenue and Dana Street in San Jose. 150 varieties of roses in six-acre park. Free.

Paramount's Great America, Great America Parkway, Santa Clara. 10 a.m. to 8 p.m. Saturday and Sunday.

Roaring Camp and Big Trees

Narrow Gauge Railroad, Graham Hills Road off Highway 17 in Felton. Trains at noon, 1:30, 3 p.m. Saturdays and Sunday; noon only weekdays. Round trip takes about an hour and 15 minutes. \$12 for adults, \$8.75 for age 3 through 15. (408) 335-4484.

San Jose Historical Museum, 635 Phelan Ave., San Jose. 10 a.m. to 4:30 p.m. Monday to Friday, noon to 4:30 p.m. Saturday and Sunday. \$4 for adults, \$3 for seniors, \$2 for age 4 to 17 (408) 287-2290.

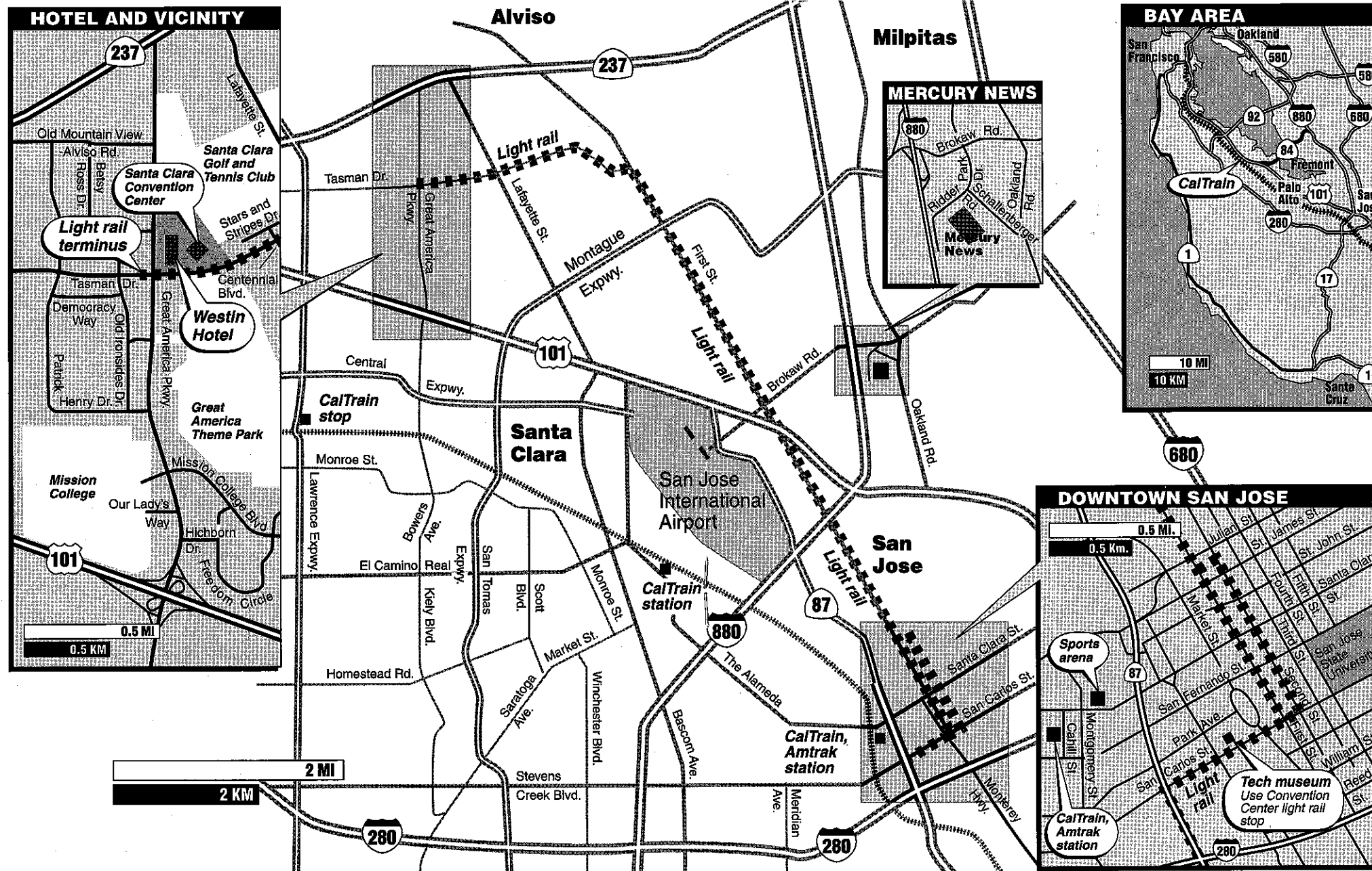
San Jose Museum of Art, 110 S. Market St., San Jose. 10 a.m. to 5 p.m. Tuesday through Sunday, Thursday till 8 p.m. \$5 for adults, \$3 for seniors, students and children 6 and over, free for children under 5. (408) 294-2787.

Santa Cruz Boardwalk, Beach Street in Santa Cruz. 11 a.m. to 7 p.m. Saturday and Sunday. (408) 423-5590.

Tech Museum of Innovation, 145 W. San Carlos Street, San Jose. 10 a.m. to 5 p.m. daily except Monday. \$6 adults, \$4 age 6 to 18 and seniors, under 6 free. (408) 279-7151.

Triton Museum of Art, 1505 Warburton Ave., Santa Clara. 10 a.m. to 9 p.m. Tuesday; 10 a.m. to 5 p.m. Wednesday to Friday; Noon to 5 p.m. Saturday, Sunday. \$4 adults, \$2 students, children, seniors. (408) 247-3754.

Winchester Mystery House, 525 S. Winchester Blvd., San Jose. 9 a.m. to 8 p.m. daily. \$12.50 age 13-64; \$9.50 seniors, \$6.50 age 6 to 12; free age 5 and under. (408) 247-2101.



Visit our vendors

These companies are demonstrating their products and services in the open mezzanine area

Acer America Corp. of San Jose manufactures a broad range of PC personal computers, peripherals and other consumer electronic products. It is showing its latest generation of bundled systems.

BRB Publications of Tempe, Ariz., publishes the Public Record Research Library, a series of how-to books on investigative research.

Computer-Modules Inc. is a reseller of multimedia and networking solutions. CMI, with offices in Santa Clara, Calif., is showing the JVC CD-ROM recorder family along with premastering and authoring software. CMI is also demonstrating the Nikon Coolscan 35 mm slide scanner for electronic imaging applications.

DCA of Atlanta, Ga., is a software developer specializing in remote access and communications applications for the portable office. DCA is demonstrating its Crosstalk (communications), Crossfax (fax) and RLN (remote LAN node) software packages.

Dow Jones & Co., publisher of the Wall Street Journal, demonstrating its two on-line business information services: DowVision, a fully integrated service that delivers filtered business news to workgroup environments, and Dow Jones News/Retrieval, an on-line source of business information.

Industrial Innovations Inc. of Scottsdale, Ariz., designs, manufactures and distributes the DataHand keyboard system. DataHand features two molded hand pods with magnetic switches clustered in wells around each finger. It is designed to increase user comfort and reduce repetitive stress.

Information America is an on-line information provider based in Atlanta, Ga. Information America distributes information about businesses, individuals and assets throughout the United States, as well as their relationships, including all phases of commercial transactions and litigation.

IRSC of Fullerton, Calif., is an on-line provider of public records information for investigative purposes, including court and Department of Motor Vehicles records, corporate filings, fictitious business and other sources of consumer and business information.

Laguna Data of Las Vegas, Nev., distributes computer hardware and software used to retrieve and manipulate large collections of data. Laguna Data is showing 9-track tape, 3480 cartridge tape, CD-ROM and magneto-optical systems.

Lexis-Nexis Services of Dayton, Ohio, comprises the single largest collection of on-line legal, news and business information. The Nexis Service contains 2,000 full-text sources of local and national news.

Netcom, with headquarters in San Jose, is a rapidly growing national Internet service provider. Netcom offers a full range of connection options, from 2400 bps to T1. The company is demonstrating its new NetCruiser Internet software package for Windows.

NetManage is a communications software developer in Cupertino, Calif. NetManage is demonstrating Chameleon, its TCP/IP package for Windows that provides desk-top local area network and wide area network solutions for Internet access. Chameleon includes e-mail, telnet, FTP, a news reader, Gopher and many other applications.

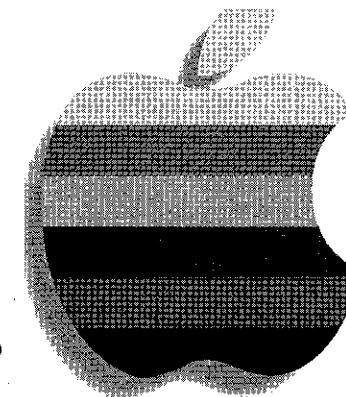
O'Reilly & Associates of Sebastopol, Calif., is a leading publisher of computer information and technical solutions for the Internet and complex operating systems. O'Reilly is demonstrating its Global Network Navigator graphical World Wide Web server and its Internet in a Box package of software applications.

Worklinks Innovations of Livermore, Calif., produces Dragon Dictate, a large-vocabulary, trainable voice-input computer system. Worklinks is also displaying its on-board wheelchair computer system.



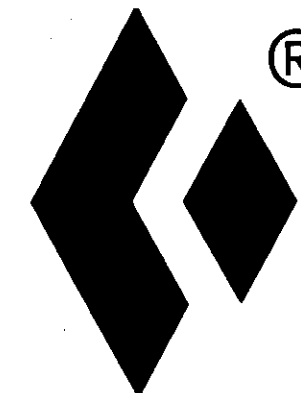
Special thanks for its major contribution of Power Macintoshes to

Apple Computer, Inc.



Special thanks for its major contribution of personal computers to

Acer



Who's who in C.A.R.



Kim Alexander is executive director of the California Voter Foundation, where she promotes and oversees voter outreach and education projects. She previously spent three years working for California Common Cause, where she investigated the influence of money in the state capital, produced reports on campaign financing and promoted the organization's reform agenda through lobbying.

Scott B. Anderson is newsroom computer resources editor at the Fort Lauderdale Sun-Sentinel. He directs computer-assisted reporting and serves as an analyst and trainer. A former reporter and editor, he also oversees an audiotext service and a planned service on America Online. He can be reached via e-mail at SBAnderson@aol.com.

Rosemary Armao is executive director of IRE. Before arriving at the University of Missouri-Columbia in February, she spent six years at the Virginian-Pilot in Norfolk, Va., most recently leading a six-member team covering education. She previously worked for the Cleveland Plain Dealer and United Press International.

Dave Armstrong joined the Boston Globe last December as a reporter specializing in computer-assisted projects. Before then, he worked on the investigative unit of the rival Boston Herald. He has used computers to report on workers' compensation fraud, non-profit companies and campaign finances. He recently analyzed 3.5 million Boston parking tickets and found that more than 60,000 motorists had unwittingly overpaid the city \$2 million in fines. More than \$1 million has been refunded.

Adam Berliant is the computer-assisted reporting specialist at the Tacoma (Wash.) News Tribune. Berliant was previously a partner in Electronic Public Information Consultants, an independent database research company in Seattle. Berliant's work on the News Tribune's "Beyond Violence" series recently earned first prize in the Best of the West, and the American Bar Association's Silver Gavel and Mariz Caleel awards.

Neill A. Borowski, 40, coordinates C.A.R. at the Philadelphia Inquirer, a role he has held full-time since 1993. His specialties are economic and demographic analysis. From 1991 to 1993 he reported and wrote, with Gilbert M. Gaul, a series on non-profits and their tax-exempt status that won the Goldsmith Prize in Investigative Reporting. It now appears in book form, *Free Ride*. Borowski's electronic address is nborowski@delphi.com.

Tom Boyer is specialty team editor at the Virginian-Pilot and the Ledger-Star of Norfolk, Va. He spent two years setting up the Pilot's C.A.R. program. A majority of news reporters and editors at the Pilot

have been involved with database projects, and more than 100 of the newsroom's 228 staffers have their own Internet accounts.

Anita Brenner, 45, is an attorney with Torres & Brenner in Pasadena, Calif. She has written articles on cyberlaw that have appeared in Wired magazine and legal journals.

Olin Briggs has worked as a reporter and editor for United Press International, the Associated Press, the Dallas Morning News, the Dallas Times Herald, the Kansas City Star and several other newspapers. He teaches journalism at Central Missouri State University.

James Brown is associate dean and professor at the Indiana University School of Journalism in Indianapolis. He is executive director of the Indiana University National Institute for Advanced Reporting. He is a consultant on computer systems and data analysis for magazines and news organizations. He can be reached at jbrown@gutenberg.iupui.edu.

Dan Browning recently joined the projects team of the St. Paul Pioneer Press as a computer-assisted reporting specialist, a job he previously held at the St. Louis Post-Dispatch. Browning, a reporter since 1981, attended the NICAR program in 1993. Last year, he analyzed more than 100,000 food-inspection records for an investigative story on St. Louis restaurants.

Howard Bryant is the business-technology writer for the Oakland Tribune's Sunday "Cyberia" computer page. He has worked for the Tribune for three years. His on-line address is ohmy@well.com.

Ron Campbell is a reporter for the Orange County Register. He started fumbling with a computer in January 1991. Since then, he has written computer-aided stories on discrimination in lending, campaign finance, the census, toxics, fraud and charities.

Pete Carey is a reporter for the San Jose Mercury News. He has used computers in journalistic efforts since 1983. He is currently special projects team leader for the Mercury News.

Morgan Cartwright is database editor for the Contra Costa Times and the Leshar Communications Inc. newspaper group. He directs the group's C.A.R. program, developing projects and training staffers. He holds bachelor's degrees in journalism and anthropology. Cartwright's electronic address is cctimes@netcom.com.

William Casey is director of computer-assisted reporting at the Washington Post. He has 21 years of experience in the computer software business, most of it working with databases and in design and implementation of on-line systems

for both mainframes and desktop computers. He also has worked as a geographer, analyzing many kinds of data from local, state, federal and private sources.

Mike Casey is an investigative reporter who has used personal and mainframe computers for projects and daily stories. He has won the IRE Award and others for stories about workplace safety and slum housing. He works for the Dayton (Ohio) Daily News.

Rose Ciotta coordinates the Buffalo News' computer-assisted reporting program. She's written in-depth on such issues as child abuse, juvenile justice and local government politics. Ciotta was a John S. Knight Journalism Fellow at Stanford University in 1990-91 and is a current IRE director. She can be reached at visrc@ubvms.cc.buffalo.edu.

Russell Clemings has covered science and the environment for newspapers in California and Florida since 1982 and is now a science writer for the Fresno Bee. He has been doing computer-assisted reporting for two years. He represents the Society of Environmental Journalists in section 15 of CompuServe's J-Forum. Send him e-mail at clemings@delphi.com.

Wendell Cochran is an assistant professor of journalism at the American University. He previously was special projects editor at Gannett News Service, where he directed award-winning computer-assisted projects on Congress and other topics. Cochran spent most of his 25-plus years in daily journalism as a business reporter at the Kansas City Star, the Des Moines Register and Gannett News Service. You can reach Cochran at wc9923a@american.edu.

Sarah Cohen covers economics and labor for the Tampa Tribune. Before joining the business news staff at the Tribune, she worked as an economist in Washington, D.C.

Alan Cox is a reporter specializing in computer-assisted stories at WCCO-TV in Minneapolis. After 16 years at stations in the upper Midwest, Cox was assigned last year to work on a new on-air "franchise" within WCCO's news broadcasts called *Computer Center 4*. His stories range from Minnesota crime to what's new in cyberspace. Alan can be reached at wccotv@mr.net.

Deborah Crowe is a freelance writer in the San Francisco Bay Area who regularly uses on-line services to obtain background and sources for deadline and feature assignments. She recently went on line to track down former Bay Area residents who lived through the Northridge earthquake. She can be reached at 73740.2305@compuserve.com.

Panelists' profiles



Tom Curran is New York investigations editor at New York Newsday, where he routinely uses computers as a news-gathering tool. Among the databases he has exploited for daily stories and long-term projects are federal, state and local campaign data, contract information from New York City, and Washington and New York State environmental records.

Dave Davis, an investigative reporter for the Plain Dealer of Cleveland, Ohio, has used computer records to track down victims of radiation accidents as well as patients who died from tricky heart catheterizations. He received awards from IRE, Associated Press Managing Editors Association, and Society of Professional Journalists, among others.

Edward P. Davis Jr., a lawyer with offices in San Jose and San Francisco, has an extensive media practice. He won the 1991 Loren Miller Legal Services Award from the California State Bar for First Amendment pro bono work. In 1988, he received the Freedom of Information Award from the Northern California chapter of the Society of Professional Journalists.

Bill Dedman is director of computer-assisted reporting for the Associated Press. He is co-writing a handbook on computer-assisted reporting and researching a biography of Ralph Nader. He received a 1989 IRE Award and Pulitzer Prize in investigative reporting for *The Color of Money*, a series of articles in the Atlanta Journal-Constitution on racial discrimination by lenders. He serves on the IRE board. Dedman's electronic address is bdedman@ap.org.

James S. Derk, 33, is computer research editor for the Evansville Courier and computer columnist for Scripps Howard News Service. He's in charge of developing the Courier's computer-assisted reporting program and also is sysop of Courier Online, the newspaper's computer bulletin board. He has won many awards, including News Writer of the Year for Scripps Howard in 1984. His electronic address is jderk@delphi.com.

David Dietz is a reporter at the San Francisco Chronicle. He has written about safety hazards in commuter airlines, fraud in the financial planning industry and abuses in not-for-profits. While at the San Francisco Examiner in the 1980s, he co-wrote stories that led to federal seizure of a savings and loan and the indictment of its executives for fraud. He was a Davenport fellow at the University of Missouri in 1977.

Stephen Doig is associate editor/research for the Miami Herald. Since 1988, he has specialized in computer-assisted reporting. He began using computers as a reporting tool in 1982 while working in the Herald's state capi-

tal bureau. His projects include studies of money laundering, sentencing of drunk drivers, property tax inequities, racial segregation, damage patterns from Hurricane Andrew, and Miami's criminal justice system. Doig's electronic address is sdoig@mcimail.com.

Jackie Duobinis is media coordinator for the National Library on Money & Politics, a project of the Center for Responsive Politics. Previously she edited Congressional Quarterly's Committees database and covered Congress for CQ's on-line service, Washington Alert. She also worked in the Public Records Office of the Federal Election Commission.

Mary Pat Flaherty is metro projects editor at the Washington Post. She worked for 15 years at the Pittsburgh Press, where she was a special editor for news and a Sunday columnist. In 1986, she won a Pulitzer Prize for a series on the international black market in human kidneys. In 1992, she won numerous awards for a series of articles on law enforcement's abuses of drug forfeiture laws.

Craig Flournoy has been an investigative reporter for the Dallas Morning News since 1979. His reporting has won more than 40 awards, including the Pulitzer Prize. In 1993, he co-authored *Race and Risk*, a series that revealed plans by the federal government to force 1,000 poor minority families to live in Dallas' poorest, most polluted neighborhood. The government subsequently killed the plan.

Kathleen Flynn has been a librarian at U.S. News & World Report since 1990 and has more than seven years of experience using on-line databases and CD-ROM technology. She assists and trains news staff in the use of electronic information, including CD-ROMs, on-line databases and the Internet. She has been involved with the U.S. News C.A.R. program since its inception in 1992.

Joseph T. "Terry" Franke is executive director of the California First Amendment Coalition, an alliance of news media, professional organizations and citizens to promote and defend freedom of information and freedom of expression. He previously worked as legal counsel to the California Newspaper Publishers Association and, before that, was managing editor of the Ceres Courier in Stanislaus County, Calif.

John Freed is the database editor of the New York Times, where he acts as cheerleader, coach and water boy for computer-assisted journalism. He has been at the Times since 1983, first as a national copy editor, then as deputy technology editor.

Dorian Friedman, an associate editor at U.S. News & World Report, covers

social policy. Particular areas of interest include race relations, children and families and programs for the poor. She has used FoxPro to analyze 1990 census data and make sense of trends in poverty, family composition and immigration.

Mark Gillespie is the political and business reporter for KTUU-TV in Anchorage, Alaska. He has won six Alaska Press Club awards, including two consecutive awards for best television political reporting. Gillespie is president of the Alaska Press Club. He worked previously for KPRC-TV and KTRH NewsRadio in Houston, WWWW-FM in Detroit and WIBC-AM in Indianapolis. Mark's electronic address is 73353.256@compuserve.com.

Dan Gillmor is computing editor at the San Jose Mercury News and a long-time practitioner of computer-assisted reporting. He was technology columnist for the Detroit Free Press. Gillmor previously worked at the Kansas City Times and several newspapers in Vermont. Before going into newspapers, he was a professional musician for seven years.

Michael Godwin is on-line counsel for the Electronic Frontier Foundation, where he advises users of electronic networks about their legal rights and responsibilities, instructs criminal lawyers and law-enforcement personnel about computer civil-liberties issues, and conducts seminars about civil liberties in electronic communication for a wide range of groups. He can be reached on line as mnemonic@well.sf.ca.us or mnemonic@eff.org.

Richard Gordon is weekend editor and computer-assisted journalism coordinator for the Broward County edition of the Miami Herald. He coordinates projects, supervises with the bureau's database journalist and crunches numbers. Before joining the Herald in 1990, he spent seven years as a reporter and editor with the Richmond Times-Dispatch and three years as assistant metro editor and projects editor at the Palm Beach Post.

Linda Gregory serves as Information Systems Specialist with the Legislative Data Center, an organization that provides computer processing services to the California Legislature. She has been a key participant in the California Legislature's project to put all legislative data on the Internet. Linda is the author of the popular booklet, *A Guide for Accessing California Legislative Information Over Internet*.

Chris Gulker has been director of development at the San Francisco Examiner, charged with finding ways to use technology to further the Examiner's mis-

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sion. Since August, his job has been to develop the Electric Examiner, a World Wide Web service accessed via the Internet. Gulker developed the Examiner's color separation and pagination systems and was the Examiner's picture editor.

Alison Head has been library director of the Press Democrat of Santa Rosa, Calif. since 1991. She also teaches management at San Jose State University's Graduate School of Library and Information Science. She has been a visiting faculty member at the Poynter Institute.

Tom Heslin is managing editor for investigations at the Providence Journal-Bulletin, where he directed the court project that won an IRE Medal and the Pulitzer Prize this year. His work has also received a George Polk Award, Sevellon Brown Award and other honors. He joined the Journal-Bulletin in 1981. Before then, he was an editor and reporter for newspapers in Maine, New Hampshire and Vermont.

Brant Houston is managing director of the National Institute of Computer-Assisted Reporting, a joint project of IRE and the University of Missouri School of Journalism. He formerly worked as a reporter and database editor at the Hartford Courant and projects editor at the Kansas City Star, where he worked for four years. His e-mail address is jour-jbh@muccmail.missouri.edu.

Robert D. Ingle, 55, has been executive editor of the San Jose Mercury News since 1981. Before that, he was managing editor of the Miami Herald, where he previously worked as copy editor, reporter, copy desk chief, assistant news editor, magazine editor, news editor and assistant managing editor. He has overseen the development of the Mercury Center, the Mercury News' on-line service.

Susan Jaffe is a government reporter at the Sarasota (Fla.) Herald-Tribune. Last fall, she taught a workshop on using on-line resources at Columbia University's Graduate School of Journalism. She has worked as an investigative writer for the New York State Attorney General.

Elliot Jaspin has won numerous awards for his reporting, including a Pulitzer Prize in 1979 for a series on how Jimmy Hoffa bankrupted one of the nation's leading coal producers. In 1989, he developed NineTrack Express, a program to access mainframe computer information from personal computers. Since 1992, he has directed Cox Newspapers' computer-assisted reporting program.

J. T. (Tom) Johnson has worked in publishing, journalism and higher education for more than 20 years. He is a professor of journalism at San Francisco State University. He has worked for publications ranging from the Topeka Capi-

tal-Journal and Scientific American to Popular Science and Information Week. He also covered El Salvador for Time in 1984-85 and was the first editor of MacWeek.

George E. Jordan, a special writer at New York Newsday, is a self-taught computer user. Early on, Jordan studied operating systems, such as UNIX, DOS and C. His first computer-assisted stories were based on the 1990 census, in which he had to convert census tracts to New York City's political subdivisions.

Jillian Kaskey is a senior reporter at Money magazine. She has done computer-assisted reporting since graduating from Syracuse University in 1992. Most recently, she was in charge of statistics for the fifth annual Money Guide to Best College Buys. She also helped analyze the IRS, rank mutual funds and rate professional sports teams.

Jeffrey C. Kummer is projects editor for the St. Paul Pioneer Press, where he has been a reporter and editor since 1977 and helped launch that newspaper's computer-assisted reporting program. He has worked on projects that include campaign contribution, child support, the juvenile justice system, biased lending and government waste.

Jennifer LaFleur is training director for the National Institute for Computer Assisted Reporting, where she conducts classes and provides data analysis and technical help for news organizations. Before joining NICAR, she was research analyst for the San Jose Mercury News, where she directed polls and surveys and conducted data analysis. ourjal@muccmail.missouri.edu.

George Landau, 30, oversees the computer-assisted reporting efforts of the St. Louis Post-Dispatch. He has done investigative reporting with computerized public records since 1989. He is now working to equip the entire newsroom with PCs that allow sophisticated data management and complete Internet access. He can be reached at 71031.3445@compuserve.com.

Alan Levin is a projects reporter specializing in computer-assisted stories at the Hartford Courant. Levin started using computers at the Boston Herald, where he wrote about several hundred dead people registered to vote, special interests giving money to former Boston Mayor Raymond Flynn's campaign and widespread failure to comply with federal campaign finance disclosure rules.

Marilyn Lewis has been writing about demographics and culture change at the San Jose Mercury News for four years. She has also worked at the Providence Journal-Bulletin and the Bellingham (Wash.) Herald. She has had a Michigan journalism fellowship and a Daven-

port fellowship in business journalism. Her on-line address is vmcl@aol.com.

Penny Loeb is a reporter for U.S. News & World Report. She was a reporter on New York Newsday's investigative team for six years. In 1993, Loeb won the Society of Professional Journalism Public Service award, and she led an investigation of immigration problems in the U.S. Loeb is an IRE director.

Susan B. Long co-directs the Transactional Records Access Clearinghouse, a Syracuse University center to help people obtain and use federal enforcement data. She is an associate professor of quantitative methods at Syracuse and teaches computer-assisted reporting at the university's S.I. Newhouse School of Public Communications.

James P. Love works for Ralph Nader's Center for Study of Responsive Law as director of economic research. He also is director of the Taxpayer Assets Project, which monitors the management of government property, including government databases and information systems. He has taught economics at Rutgers and Princeton Universities and held research positions at Princeton and the National Bureau of Economic Research.

Elizabeth Marchak of the Plain Dealer has used computers to investigate murder, sexual abuse of children, campaign spending, medicine and legal malpractice. She is an adjunct professor at George Washington University. She has won awards for government reporting, feature writing and an investigative project on the Boy Scouts that is now a book. You can reach her at marchak@gex.net.

Carla Marinucci is a member of the investigative team of the San Francisco Examiner, where she's worked for 10 years as a business columnist and writer. She has won various awards including the Mark Twain Award for *Shattered Dreams: Exploited Immigrants*, the APNEC Public Service Award, the 1993 Media Alliance Elsa Knight Thompson Special Achievement Award and the Wilbur Award.

Mike McGraw 46, a special projects reporter and reporting coach for the Kansas City Star, joined the newspaper in 1989. Previously he worked for the Des Moines Register. He was one of two lead reporters on a December 1991 seven-part series on the U.S. Department of Agriculture that won the Pulitzer Prize for national reporting, the Polk Award for national reporting and the Society of Professional Journalists Award for non-deadline reporting. McGraw can be reached at mmcgraw@tyrell.net.

Shawn McIntosh is an assistant city

Panelists' profiles

editor at the Dallas Morning News working with city hall and city government reporters to incorporate computer-assisted reporting in routine news gathering. Until recently, she was a special projects editor at USA Today, working with computers and polling. In 1987, at the Clarion Ledger in Jackson, Miss., she used a computer to help uncover the state's failure to enforce mandatory drunken driving sentences. McIntosh's electronic address is dmngovt@aol.com.

Ted Mellnik is computer-assisted reporting specialist at the Charlotte Observer. His data work this year has been the basis for a series about neighborhood patterns of violent crime. Mellnik's electronic address is tmellnik@fx.net.

Philip Meyer (1973, 1978) and the New Precision Journalism (1991). He spent 23 years with Knight-Ridder Inc., mostly as a Washington correspondent. Today he holds the Knight Chair in Journalism at the University of North Carolina at Chapel Hill. He is president of the World Association for Public Opinion Research. His electronic address is pmeyer@gibbs.oit.unc.edu.

David Migoya has been a journalist for 12 years. He has worked for such publications as the Denver Post, Bay City (Mich.) Times, the St. Louis Sun and the Belleville News-Democrat. He is now an investigative reporter for the Riverfront Times in St. Louis and spends much of his time on line. Migoya won the NRE, National Headliner, John Hancock and National Newspaper Association awards.

Bill Mitchell is director of electronic publishing at the San Jose Mercury News and is responsible for Mercury Center. Before joining the Mercury News in June 1992, he spent most of his career at the Detroit Free Press, where he was Washington correspondent, European correspondent, city editor and assistant managing editor/projects.

Bryan Monroe is assistant managing editor/photo and graphics at the San Jose Mercury News. He led the Mercury News in a complete redesign in 1992 and is also the key newsroom coordinator in color, pagination and technology-related issues. He was assistant director of Knight-Ridder's 25/43 Project in Boca Raton, Fla., graphics editor and director of photography at the Sun News in Myrtle Beach S.C. and a photographer at the Seattle Times, Roanoke (Va.) Times & World News and United Press International.

Thomas H. Moore works for the Congressional Quarterly Weekly Report as its Systems Editor/Computer Journalism. He is responsible for introducing new technologies to the newsroom, including the Internet and database jour-

nalism, and conducting the Weekly Report's computer-assisted journalism projects. Moore has also served CQ as a political reporter and an editor for *American Caucus*.

Dwight Morris is editor for special investigations at the Washington bureau of the Los Angeles Times. He has directed many computer-assisted projects, including a comprehensive study of congressional campaign spending. Before joining the Times in 1989, Morris was assistant managing editor for special projects at the Atlanta Journal and Constitution, where he supervised the data analysis of mortgage lending practices for a Pulitzer Prize-winning series.

Richard Mullins is an associate professor at the University of Missouri Journalism School and the faculty advisor to NICAR. He formerly was systems administrator and researcher for the National Library on Money and Politics in Washington. With Bill Dedman and Elliot Jaspin, he is co-writing *Power Reporting: Your Complete Guide to Computer-Assisted Journalism*.

Carol Napolitano is a projects reporter and computer-assisted journalism coordinator for the Times in Munster, Ind. In 12 years of reporting, she has covered government, politics, education, environment, health, courts and crime, winning numerous awards. You can reach her at napoli@howpubs.com.

Carl Neiburger has been metro graphics coordinator for the San Jose Mercury News for the past three years. Before that, he worked for several newspapers as a reporter, covering at various times nuclear power, local government, education, the environment and social services, and as a copy editor. His on-line address is carln@netcom.com.

Richard O'Reilly has been director of computer analysis at the Los Angeles Times for five years. He also has written a syndicated computer column for the last 11 years. As a member of the Times' staff for 20 years, O'Reilly has been an investigative reporter, assistant metro editor and an environmental writer. His electronic address is oreilly@latimes.com.

Peter Overby reports for the Washington bureau of National Public Radio, covering politics, lobbying and campaign finance issues. He previously was senior editor of Common Cause magazine, where he used computer-based analyses to write on campaign fund raising and federal domestic programs in the suburbs. He co-wrote and designed the database for an investigation of soft money contributors to the Bush-Quayle campaign, which won an IRE award and was a finalist for a National Magazine Award.

Barry Parr is the product develop-

ment manager for Mercury Center, the on-line service of the San Jose Mercury News. He created the marketing research and advertising that led to its successful launch in 1993, and is currently exploring new delivery media for Mercury Center information. He formerly served as marketing manager for Times-Mirror's Gateway service and general manager for an on-line service of a publisher of computer magazines.

Nora Paul is library director for the Poynter Institute for Media Studies. She also is responsible for seminars on news research and news library management. She came to the Poynter Institute in 1991 after 12 years at the Miami Herald where she was the library director, then editor of information services. Paul is the author of *Computer Assisted Research: A Guide to Tapping Online Information*.

Bob Paynter is a graduate of the University of Missouri, and a veteran of 20 years of reporting. He doubles as a reporter and projects editor at the Akron Beacon Journal, specializing in computer-assisted reporting. Last year he led a Pulitzer-Prize winning exploration of the impact of race on everyday life. His investigative reporting has won numerous other awards.

Barbara Pearson, a special projects editor at USA Today, has worked on a variety of computer-assisted projects ranging from an examination of campus crime to a look at spending by every member of the House of Representatives. She does polls and surveys, including what sun-block lotions nudists use and how Olympians prepare for the games.

Tom Philp is a general assignment reporter for the Sacramento Bee's state desk. He co-wrote a 1993 series on crime in Sacramento County that included database research on arrest and jail records. Philp, 33, has worked at the Bee since 1992. He previously worked for eight years at the San Jose Mercury News. His electronic address is tomphilp@aol.com.

Doug Podolsky is a senior writer at U.S. News & World Report, where he covers health, medicine, fitness and nutrition. He previously was a senior editor at American Health magazine. In 1993, he received a Howard W. Blakeslee Award from the American Heart Association for outstanding science journalism.

Bob Port, 38, is a general assignment reporter for the St. Petersburg Times who specializes in the use of computers to analyze public records. Since joining the Times in 1983, Port has covered a variety of newspaper beats and has worked on many projects, including overcrowding, labor corruption, illegal gun dealing and illicit used car sales. In 1992, he shared in the SPJ national award for newspaper

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investigative reporting for a series of stories about sealed criminal records in Florida.

Heather Dembert Rafter is an attorney in the San Francisco office of Gibson, Dunn & Crutcher. She specializes in intellectual property law and has extensive experience handling copyright, trademark and trade secret matters for high technology, software and publishing companies. She has successfully defended various media clients in defamation cases.

Matt Reavy is a former reporter and weekly newspaper editor from northeastern Pennsylvania who has used computers in journalism since the mid-80s. He is in his final year of study in the Ph.D. program at the University of Missouri. Reavy is managing editor of Uplink, the NICAR newsletter.

Gregory S. Reeves is special assignment reporter at the Kansas City Star. He acquires and maintains computer databases for several hundred reporters and editors. His research for the USDA series by Mike McGraw and Jeff Taylor won the 1991 Pulitzer Prize and the Sigma Delta Chi award.

Neil Reisner is database editor at the Record in Hackensack, N.J. where he is responsible for crunching data and developing a computer-assisted reporting program at the paper. He is an adjunct professor at Columbia University's Graduate School of Journalism and is the moderator of IRE/NICAR's section on CompuServe's Journalism Forum. His electronic address is nreisner@bergen-record.com.

Rich Robertson has been doing investigative reporting at the Arizona Republic for 10 of his 22 years in journalism. He spent five years as city editor then led the Republic's two-year investigation of Charles Keating and Lincoln Savings and Loan. He has recently been involved in developing an on-line service for the Republic. His electronic address is rrr@indirect.com.

Kenton Robinson is a feature writer with the Hartford Courant, where he has worked as both a reporter and an editor for 15 years. Before his return to reporting last fall, he was the paper's projects and investigations editor for six years and oversaw the program that introduced the newsroom to computer databases.

Steven S. Ross is an associate professor at Columbia University's Graduate School of Journalism. He is one of the first journalism professors to teach computer-assisted reporting and his written an exercise book on the subject. His on-line address is ssr3@columbia.edu.

Ricardo Sandoval is a staff writer with the Center for Investigative Report-

ing in San Francisco. A 14-year daily newspaper veteran, Sandoval has covered the utility, banking, savings and loan, and agriculture industries. Before joining CIR in January 1994, he was a business reporter at the San Francisco Examiner. His coverage of the California utility industry won him a spot on IRE's list of the top 100 investigations for 1993.

Anne Saul is news systems editor for the Gannett Co., Inc. She is responsible for helping editors at Gannett's 83 daily newspapers deal with technology, including selection of new systems and developing computer-assisted reporting programs. She also works with the company's advanced systems lab on new technology. Saul has more than 24 years of newsroom experience as a reporter and editor at Gannett newspapers in Florida, at USA Today and at Gannett News Service. Saul's electronic address is asaul@6ci.gannett.com.

Jon Schmid is an assistant database editor at the News & Observer in Raleigh, N.C. He previously worked for the Missouri Institute for Computer-Assisted Reporting (now NICAR). He has also been a reporter and editor in southern California.

Christopher Schmitt is on the San Jose Mercury News' special projects team. He joined the newspaper in 1984, and has covered banking, finance and Silicon Valley's high-technology industries. He previously worked at the Worcester (Mass.) Telegram and Evening Gazette. His electronic address is cschmitt@scuacc.scu.edu.

Fred Schulte is investigations editor at the Sun-Sentinel in Fort Lauderdale, Fla. He won the Polk Award for a 1993 series on flaws in Florida's HMOs for the elderly. He also has won the Worth Bingham Prize, the Silver Gavel Award and an IRE award in 1984 for exposing excessive death rates in Veterans Administration heart-surgery units.

Craig Staats, 43, has been a reporter for the Oakland Tribune since 1982. He writes about city government, population trends and campaign finance issues and uses database software to track political contributions to local officials.

David Stoeffler, 35, is city editor of the Wisconsin State Journal in Madison. He has worked with a core group of reporters there in developing a modest computer-assisted reporting program. You can reach him at CompuServe 74150,1171.

Hal Straus has been database editor for the Atlanta Constitution and Journal for three years. He recently provided data for stories on underperforming schools, irrational hospital pricing, racial inequities in emergency response times and inaccurate crime incidence reporting

by police. He previously covered science, national politics and prisons.

Danny Sullivan is the Orange County Register's graphics reporter. He interviews sources and gathers materials to illustrate breaking news stories, special projects and features. He uses spreadsheets, data bases and mapping software in his work. He has been with the Register since 1993, previously working as a graphics researcher for the Los Angeles Times. Sullivan can be reached at cazzlong@aol.com.

Drew Sullivan is a researcher for NICAR and is responsible for the institute's computer system and data analysis. Sullivan has worked with computers and programming for more than 10 years, including six years as an engineer on the Space Shuttle project. He's also worked as a public records investigator for ENG News in Burbank, Calif. Sullivan's electronic address is cc621897@mizzoul.missouri.edu.

Scott Thurm, 35, has been environment writer for the San Jose Mercury News since 1990. Before that, he covered environmental issues for the Courier-Journal in Louisville, Ky., and was on a team of reporters who won the 1989 Pulitzer Prize for general news reporting. In 1993, Thurm and a co-worker won the Livingston Award for Young Journalists. In 1992, Thurm was one of a team of three Mercury News reporters to win the Thomas Stokes environment-writing award.

Rick Tulsy, as managing editor of the Center for Investigative Reporting, directs eight reporters on print and broadcast investigative projects. Tulsy spent more than 20 years as a newspaper reporter, mostly at the Philadelphia Inquirer. A former IRE president, Tulsy has won many awards, including the Pulitzer Prize in investigative reporting. Tulsy, a lawyer, often writes stories about problems in the criminal justice system. He was a 1989 Nieman Fellow.

Lisa Van Asch came to the News & Observer three years ago, fresh out of college. As a news researcher specializing in on-line research, she has identified out-of-state contributors to North Carolina political campaigns, linked public figures to questionable activities, found contacts for reporters and generally filled in the missing pieces with the help of a computer.

Jim Warren is an open-government activist and public-access columnist. He founded InfoWorld and the 1991 first Conference on Computers, Freedom & Privacy. He has received the North Carolina Society of Professional Journalists' James Madison Freedom-of-Information Award and the Electronic Frontier Foun-



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dation's Pioneer Award. In November he will receive the Hugh M. Hefner First Amendment Award. Warren's electronic address is jwarren@well.com.

Aleta Watson is an assistant city editor supervising education coverage at the San Jose Mercury News. Before turning to editing last year, she had been the Mercury News' education writer for 10 years. She has covered elementary, secondary and higher education, winning national awards for computer-assisted stories on asbestos in schools, court-ordered desegregation and high school dropouts. She is president of the Education Writers Association.

Patrick Weiland is a producer for the CBS News program *Eye to Eye with Connie Chung*. He was previously a senior producer in the investigative unit at WCCO-TV in Minneapolis. He has produced stories that won the Edward R. Murrow and Sigma Delta Chi awards for investigative journalism.

Margot Williams is manager of Research in the Washington Post's News Research Center. She previously worked at Time Inc.'s Editorial Reference Library and at the Poughkeepsie Journal. She's been searching on line for more than 15 years. Her column on the Internet appears in the Post's WashTech section.

Ron Wolf, while working at a Denver weekly, received an Alicia Patterson Foundation fellowship in 1980 to investigate safeguarding of nuclear weapons. Later, at the Philadelphia Inquirer, he specialized in business news. He joined the San Jose Mercury News in 1988, where he covered technology and oversaw creation of databases to track nearly 300 public companies. Wolf is pursuing an MBA at UC-Berkeley.

Jerry Wong is an information services specialist with the Los Angeles regional office of the U.S. Census Bureau. He is a trainer in uses of demographic and economic data for market research, community analysis and planning, grant proposals and general decision-making. He is also an expert on cultural diversity and demographic trends.

Dan Woods is database editor at the News & Observer in Raleigh, N.C. He previously covered banking for the Record in Hackensack, N.J. He and Elliot Jaspin wrote Nine Track Express, a computer program that helps reporters use mainframe magnetic tapes.

Kevin Woodward is the wire editor of the Santa Cruz County (Calif.) Sentinel and has worked on a daily newspaper as a reporter or editor for more than 18 years. When not toiling over page design and headlines, he writes a computing column. He also is an avid Internet surfer. His electronic address is kevinw@cruzio.com.



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