

Daniel M. Russell

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RESEARCH INTERESTS

The central organizing theme of my research career is this: to understand the nature of how people use large & complex collections of information in useful ways, and to create an attractive, comprehensible, evocative user experience of that information. Following this lead, I work to invent new mechanisms that let us know more, perceive more richly, and comprehend the world in new ways.

Specific research topics over the past several years have included: the design of information experience, sensemaking; intelligent agents; knowledge-based assistance; information visualization; multimedia documents; advanced design and development environments; design rationale; planning; intelligent tutoring; hypermedia; human/computer interfaces.

EDUCATION

Ph.D., Computer Science, University of Rochester, Rochester, NY, May, 1985.

Schema-based problem-solving: an investigation into using recombinations of pre-stored plans in sophisticated ways

M.S., Computer Science, University of Rochester, Rochester, NY, May 1979.

B.S., Information & Computer Science, University of California at Irvine, Irvine, CA, June 1977.

EXPERIENCE

Resident Futurist, University of Maryland (Adjunct Faculty position)

College Park, MD (October, 2011—present) Office of the VP for Research: Campus-wide adjunct faculty appointment for the Future of Information Alliance.

- participate in brainstorming research topics and goals for the work of the Future of Information Alliance, a continuing program that maps out where information technology is going for the next 5 years, and what the university should be planning for best investments and use of that tech

Adjunct Faculty, University of Zürich, Informatics (IFI)

Zürich, Switzerland (February, 2017 – June, 2017)

- teach “Social Computing” upper division class, spring term, 2017

Senior Research Scientist, Search Quality & User Happiness, Google

Mountain View, CA (August, 2005—present)

- improving the search quality of Google for end users; conducting field & lab studies of Google use patterns and sensemaking behaviors, emphasizing understanding real-world searcher behavior

Senior Research Scientist, Sensemaking Group, User Sciences & Experience Lab (USER)

IBM Almaden Research Center, San José, CA (November, 2004—August, 2005)

- manage research group of 7 researchers in sensemaking projects; more time on details of research into sensemaking as applied to a large internal research project

Senior Manager, User Sciences & Experience Lab (USER)

IBM Almaden Research Center, San José, CA (June, 2000—November, 2004)

- manage research group of 35 researchers in 5 areas—covering work from human factors to user experience design of large systems; from basic research to advanced development
- responsible for directing research, setting research strategic direction for group, funding lab from IBM internal sources, internal communication of research work, external communication of research value to customers

- produce, direct and participate in large workshops at Almaden (annual New Paradigms on User Computing, NPUC, from 2000—2005; occasional workshops on other topics)

Manager, Web-Based Intermediaries

IBM Almaden Research Center, San José, CA (January, 2000 – June, 2000)

- manage research group of 6 researchers in technology transfer to production task. (January, 2000 – June, 2000)

Manager, User Experience Research area

Xerox Palo Alto Research Center, Palo Alto, CA (December, 1997 – January, 2000)

- managed research group of 5 researchers on interdisciplinary projects for research and development in the areas of distributed UI, time visualizations & multimedia document reading. (Sept, 1998 – January, 2000)
- defined and led work on *Madcap* project – a system to capture, organize and render large amounts of complex presentation materials into an understandable whole. Implemented in Java and Quicktime, cross-platform, multiple media tracks with integrated analysis tools and methods. (Sept, 1998– May, 1999)
- led, managed and coordinated UI design and software engineering team of 10 to design, test, develop and prototype a completely new UI for a pen-based, e-book style tablet computer. Teamwork included interface, overall system design, detailed document infrastructure. Worked closely with marketing, industrial design, executive and hardware teams. (December, 1997 – September, 1998)

Director, Knowledge Management Technology Laboratory

Apple Computer, Advanced Technology Group, Cupertino, CA (March, 1997- October, 1997)

- directed laboratory of 5 research programs, 35 researchers in total
- coordinated cross-Apple research and application of research results to products
- strategic market & research analyses for corporation on Network Computing (working with Apple CEO, Apple founder and team of external analysts)

Manager, User Experience Research program

Apple Computer, Advanced Technology Group, Cupertino, CA (November, 1994 - March, 1997)

- managed research group of 10 researchers and multiple sets of interns on topics of:
 - » shared awareness information
 - » physical / virtual / augmented knowledge access & embedding
 - » cooperative & collaborative work
 - » computational collaborative infrastructure
 - » knowledge-based use of heterogenous, distributed information
 - » information visualization & access
 - » distributed interfaces
 - » new models of user experience

Senior Researcher

Apple Computer, Advanced Technology Group, Cupertino, CA (July, 1993 - November, 1994)

- research on intelligent agent architectures and agent implementations
- design and implement automatic document classification tools
- research and development of Internet knowledge resource discovery systems
- development of network information agent applications (knowbots)
- developed an AI planner-based intelligent help for Macintosh OS

Member of the Research Staff

Xerox Corporation, Palo Alto Research Center, Palo Alto, CA (May, 1984 - July, 1993)

- research on information visualization in the User Interface Research group
- development of information visualization tools
- research on automatic document composition from heterogenous, multimedia databases
- research on design rationale acquisition, representation and use
- managed the IDE Project (5/89 - 5/90), implemented transfer of IDE from Xerox to IRL for licensing and distribution

- co-managed the IDE Project (5/85 - 5/89), , [ARI Contract # MDA 903-83-C-0189] establishing internal and external alpha & beta test sites; company-wide internal use; continuing system design and development in response to use; intelligent computer-aided instruction, qualitative physics for device modeling, ICAI systems
- developed the IDE-Interpreter (a planner-based adaptive tutoring system exploring issues of instructional knowledge representation, the creation and use of tutorial plans, automatic synthesis of multimedia documents)
- research on design methods and models in theory and practice
- research on access methods and visualizations for knowledge and data bases

Affiliate Research Member

Institute for Research on Learning, (IRL) Palo Alto, CA (January, 1987 - December, 1994)

- managed the IDE project at IRL, (1/90-1/91) developing IDE as a design and knowledge acquisition system for instructional materials creation, porting IDE from Interlisp-D and Notecards hypermedia onto Macintosh using FoxBase
- research on problem-solving in ill-structured domains, instructional design, the rationalization of instructional designs, instruction creation practice, tutoring behavior, the effects of context and situation on teaching and instruction design
- created the "Alexandria" architecture, a learning resources management system for large collections of instructional courseware

Lecturer

Stanford University, Computer Science Department

- seminar: *Design Rationale* (with Tom Gruber) September – December, 1991
- course: *Principles of Knowledge Engineering* (with Mark Stefik) January – April, 1994

Lecturer

Santa Clara University, Computer Engineering Dept (September, 1988 – December 1998)

- teach graduate-level sequence and special topic seminars in Artificial Intelligence

Research Associate

Xerox Corporation, Palo Alto Research Center, Palo Alto, CA (Sept, 1982 – May, 1984)

- Artificial Intelligence research for Cognitive and Instructional Sciences Group, Bluebonnet project (planner-based expert help system) with Richard Fikes
- created InterCalc (constraint-based reasoning in a spreadsheet) with J.S. Brown and Johan DeKleer
- created, taught, administered two in-house Interlisp-D courses for Xerox PARC employees
- created, taught, administered an Interlisp-D / LOOPS (Lisp Object-Oriented Programming language) professional course, given at the Xerox International Management and Training Center, Leesburg, VA. (August, 1983) (with John Vittal, Danny Bobrow, Mark Stefik, Sanjay Mittal)

Consultant

Xerox Corporation, Webster Research Center, Webster, NY (Nov, 1981 – July, 1982)

- systems programming for Network Printing Architecture Group, building automatic font distribution systems for networked print servers

PROFESSIONAL SERVICES

I-School Advisory Board, University of Colorado (2016 – 2019)
Board member of UC Irvine Masters of HCI and Design (2016 – 2020)
I-School Board of Visitors Member, University of North Carolina, Chapel Hill (2015—2018)
Board member of School of Library and Information Science (SLIS) Center for Information Research and Innovation, San José State University (2012-2018)
Program Committee Member, Learning @ Scale Conference (ACM), 2014, 2015 (co-chair), 2016, 2017
Program Co-Chair, CHIIR (Computer-Human Interaction and Information Retrieval Conference (2015-2017)
Area Chair, CHI Conference (1999-2016)
Associate Editor, Transactions on Computer Human Interaction (TOCHI), (2011—2013)
Area Chair, SIGIR conference (2012)
Reviewer, WWW conference (2010, 2011)
Reviewer for books, MIT Press (multiple books / year) (2005 to 2015)
Reviewer, Papers and Work-in-progress, 2009 CHI conference (Fall, 2008)
Reviewer, book proposals for MIT Press (November, 2008)
Reviewer, Long papers HICSS 2009 Conference (August, 2008)
Reviewer, O'Reilly Press (2007)
Reviewer, IEEE Pervasive Computing Journal (2006)
MiniTrack co-chair (with Jonathan Grudin) “New Ways of Using Information Technology” HICSS Conference (2006-2007)
Program Committee member, UIST 2004, 2006
Reviewer, Long papers, UIST 2005 Conference (May, 2005)
Program Committee member, Pervasive Computing Conference (2004, 2005, 2006)
Invited reviewer, NSF / EC research review panel on Ubiquitous Computing (Vienna, Austria) (April, 2004)
Reviewer, Long papers, Ubicomp 2004 (March, 2004)
Reviewer, Leonardo journal of media (March, 2004)
Reviewer, Long papers, Short papers, Design case studies CHI 2004 (October, 2002 – January, 2004)
Reviewer, Long papers, GI 2004 (February, 2004)
MiniTrack chair “Digital Media Literacy” HICSS Conference (2004, 2005)
Reviewer, MIT Press (prospective book titles in UI design) (January, 2004)
U. Washington Industrial Affiliates Partner (2003)
Workshop co-organizer (“Collaboration with Interactive Walls and Tables”) UBICOMP 2002, Goteborg, Sweden.
Workshop co-organizer (“Public, Community and Situated Displays: Design, Use and Interaction Around Shared Information Displays”) CSCW 2002, New Orleans, USA.
MiniTrack chair “Digital video and media in use” HICSS Conference (2002, 2003)
Program committee, UBICOMP (2002)
Papers track co-chair, Program committee, UIST Conference (2001, 2002, 2003)
U. Washington Industrial Affiliates Partner (from IBM) (2001)
Reviewer, Papers, IBM PSI Symposium (October 12-14, 2000)
Reviewer, Papers, Designing Interactive Systems (DIS) 2000 (February, 2000)
Associate Track Chair, “Digital Media” track, HICSS conference (2000 – 2001)
Associate Review Chair, Short papers, CHI-00 (January, 2000)
Reviewer, UIST 1997 (November, 1997)
Associate Editor, Intelligence Journal, (ACM, January, 1996 - January, 1999)

Reviewer, ACM Conference on Hypertext (HT '97), (November, 1996)
Reviewer, User Interface Software Technology (UIST) Conference, 1996 (July, 1996)
Reviewer, Cognitive Science, journal (June, 1995)
Reviewer, Computer-Supported Cooperative Learning conference (May, 1995)
Board member, National Foreign Language Center, Ohio State University, Columbus, OH (October 1994 – December, 2003)
Reviewer, European Conference on Hypertext (ECHT '94), (May, 1994)
Co-Chair, AAAI-94 (Multimedia Indexing workshop), May, 94
Associate editor, Intelligent Tutoring Media; (Sept 90 – 95)
Reviewer, Idaho State Specific Research Grants Program (Feb 1994)
Member of NSF review committee, Advanced Technology Applications, Nov 91 - Nov 93
Reviewer, Instructional Science; October 91, December 91, January 92
Reviewer, Hypertext '91 (demonstration track); September 91
Reviewer, ACM Transactions on Information Systems; February, December 91
Reviewer, Cognitive Science journal; February 91
Book reviewer, Academic Press; September 90
Reviewer, Human-Computer Interaction Journal; September 90
Reviewer, NSF grant proposals; January 90
Reviewer, Human Computer Interaction Journal; January 89
Reviewer, 1st International AI & Education Conference, Montreal, Canada; February 88
Founded, organized and administered BARRET (Bay Area Regional Resources on Educational Technology) a regional group dedicated to understanding advanced issues in education technology; June 86 - June 87

PATENTS

US Patent 9,665,094. “Automatically deployed UAVs for disaster response” U.S. Patent No. US 9,665,094. (May 30, 2017)
US Patent 20150156154A1. Russell, Daniel M., and Richard C. Gossweiler III. “Storage and Retrieval of Electronic Messages Using Linked Resources” (4 Jun. 2015)
US Patent 8255819, EU Patent 07783616.1-1527 (December, 2008) “Web notebook tools”
US Patent 20,030,122,873 (November, 2003) “System and method for visualizing and navigating content in a graphical user interface” (with Dulce Ponceleon and Andreas Dieberger)
US Patent 5,530,235 (July, 1996) “Interactive contents revealing storage device” (DocuCard)
US Patent 5,534,975 (July, 1996) “Document process system utilizing document service cards to provide document processing services”
Almaden IP Disclosure filed: “Analytic worksheets for streaming media” ARC820050079 (May, 2005)

LARGE-SCALE TEACHING SYSTEMS

Russell, D. M. *PowerSearchingWithGoogle.com* MOOC to teach effective searching skills. Taught (to date): 4.01M students, 35.7% completion rate.
Russell, D. M., Bergson-Michelson, N. (and team) *Advanced PowerSearchingWithGoogle.com*, to teach effective searching skills for information professionals using a non-linear topic presentation. Taught (to date): 723K students, 38.1% completion rate.
Russell, D. M., (and team) *AGoogleADay.com--G+ Edition*, to teach effective searching skills with a set of 10 daily search challenges in a social network system. Taught: April, 2012—July, 2013 (3M+ unique users to date) (2012-2013)
Russell, D. M., (and team) *AGoogleADay.com*, to teach effective searching skills with a daily search challenge. Taught: April, 2011—present (35M+ unique users)

WEEK-LONG COURSES TAUGHT

- COGS90 at UCSD. “Field study methods practicum: How do designers really search?” (M – F, full week of teaching. 14 students who did field research on how designers actually use Google.) Oct 1-6, 2017
- COGS90 at UCSD. “Field study methods practicum: How do designers really search?” (M – F, full week of teaching. 18 students who did field research on how designers actually use Google.) May 16-21, 2016
- COGS90 at UCSD. “Field study methods practicum: How do designers really search?” (M – F, full week of teaching. 13 students who did field research on how designers actually use Google.) May 5-9, 2015
- Journalism class at U. Maryland, College Park. “Ethnojournalism: Discovering how people locate medical information” (M-F, full week of teaching. 17 students doing field research on how ordinary people find, assess, and use medical information.) March 26-30, 2012

PUBLICATIONS

- Roll, Ido, Russell, Daniel M., Gašević, Dragan. “Learning at Scale” *International Journal of Artificial Intelligence and Education* (June, 2018)
- Editors: Roll, Ido, Russell, Daniel M., Gašević, Dragan. Special issue of the *International Journal of Artificial Intelligence and Education* (June, 2018). Topic: Learning at Scale.
- Russell, D. M., Yarosh, S. “Can we look to science fiction for innovation in HCI?” *interactions* 02/2018; 25(2):36-40. interactions.acm.org/archive/view/march-april-2018/can-we-look-to-science-fiction-for-innovation-in-hci
- Russell, Daniel M., “We Must Go Deeper...” *Online Searcher*, v 41, n 5; Sept-Oct (2017)
<http://www.infotoday.com/OnlineSearcher/Articles/The-Searchers-Viewpoint/We-Must-Go-Deeper---120276.shtml>
- Glassman, Elena, and Daniel M. Russell. "DocMatrix: self-teaching from multiple sources" *Proceedings of the 79th ASIS&T Annual Meeting: Creating Knowledge, Enhancing Lives through Information & Technology*. American Society for Information Science, 2016. (Copenhagen, Denmark)
- Russell, Daniel M. "Simple is Good: Observations of Visualization Use Amongst the Big Data Digerati." *Proceedings of the International Working Conference on Advanced Visual Interfaces*. ACM, 2016.
- Russell, D. M., “What do you need to know to use a search engine? Why we still need to teach research skills” *AI Magazine* 36(4) (Dec 1, 2015).
- Russell, D. M., Teevan, J., Morris, M. R., Hearst, M., & Chi, E. H. (2015, April). “Design for Searching & Finding” In *Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems* (pp. 2457-2458). ACM.
- Bederson, Benjamin B., Daniel M. Russell, and Scott Klemmer. "Introduction to online learning at scale." *ACM Transactions on Computer-Human Interaction (TOCHI)* 22.2 (2015): 5.
- Kiczales, G., Russell, D. M., Woolf, B. (editors) *Proceedings of the Second (2015) ACM Conference on Learning @ Scale*, Vancouver, British Columbia. <http://dl.acm.org/citation.cfm?id=2724660#> (2015)
- Russell, Daniel. "Mindtools: what does it mean to be literate in the age of Google?." *Journal of Computing Sciences in Colleges* 30.3 (2015): 5-6.
- Russell, D. M., “Understanding user behavior at three scales: The AGoogleADay story” pp 199-214. *Computer Games and Software Engineering*, by W. Scacchi, K. Cooper. Taylor & Francis. (2015)
- Russell, D. M., “Research skills matter: How to teach them” chapter in: *Moonshots in Education: Launching Blended Learning in the Classroom*. by E. Wojcicki, L. Izumi, A Chang (2014) Pacific Research Institute, San Francisco, CA
- Russell, D. M., E. Chi, chapter in: *Ways of Knowing in Human-Computer Interaction*, Olson, J., Kellogg, W. (2014) Chapter: “Looking Back: Retrospective Study Methods for HCI” p 373-394. (2014) Springer.
- Dumais, Susan, Robin Jeffries, Daniel M. Russell, Diane Tang, and Jaime Teevan. "Understanding user behavior through log data and analysis." chapter in: *Ways of Knowing in Human-Computer Interaction*, Olson, J., Kellogg, W. (2014) p. 349-372

- Williams, J. J., Kizilcec, R. F., Russell, D. M., & Klemmer, S. R. (2014, April). Learning innovation at scale. In CHI'14 Extended Abstracts on Human Factors in Computing Systems (pp. 131-134). ACM.
- Wilkowski, J., Russell, D. M., Deutsch, A. "Student Skill and Goal Achievement in the Mapping with Google MOOC" ACM Learning at Scale Conference, Atlanta, GA (2014)
- Wilkowski, J., Russell, D. M., Deutsch, "A Self-evaluation in Advanced Power Searching and Mapping with Google MOOCs" ACM Learning at Scale Conference, Atlanta, GA (2014)
- Russell, D. M. "Measuring learned skill behaviors post-MOOC" In CHI'14 Extended Abstracts on Human Factors in Computing Systems (pp. 2233-2238). (2014, April).
- Russell, D. M. "A Google A Day Tearoff Calendar 2014" Workman Publishing (New York) 10,000 calendars printed; sold in bookstores and online. (2013) http://www.amazon.co.uk/Google-Day-Page-A-Day-2014-Calendar/dp/0761175431/ref=pd_sxp_grid_pt_1_0/278-5758331-2797761
- Russell, D. M., S. Klemmer, A. Fox, C. Latulipe, M. Dunier, E. Losh. "Will Massive Open Online Courses (MOOCs) Change Education?" Proc. CHI Conference 2013. (Paris, France) (2013)
- Russell, D. M., *AGoogleADay Handbook for Teachers*. 7,000 books self-published. Distributed at education tradeshows. (2012)
- Tunkelang, D., Capra, R., Golovchinsky, G., Kules, B., Russell, D. M., Smith, C., White, R., "HCIR 2011: the Fifth International Workshop on Human-Computer Interaction and Information Retrieval," SIGIR Forum 45(2) (2012)
- Russell, D. M. "Ubiquitous search for smart workspaces" Universal Access in the Information Society, vol 10 n. 4, p 11-20 (2012)
- Russell, D. M. "The Streitz perspective: Computation is ubiquitous, yet must be designed for human use" Universal Access in the Information Society, vol 10, n. 4, p 4-10 (2012)
- Editor, special issue of Universal Access in the Information Society (UAIS), vol 10, n 4 (August, 2012).
Topic: Pervasive computing
- Druin, A., Gary Knell, Elliot Soloway, Daniel M. Russell, Elizabeth Mynatt, Yvonne Rogers, "The future of child-computer interaction" CHI EA 2011: Proceedings of the 2011 annual conference extended abstracts on human factors in computing systems, ACM, New York, NY, pp. 693-696 (2011)
- Moraveji, N., Russell, D. M., Bien, J., Mease, D. "Measuring improvement in user search performance resulting from optimal search tips" Proceedings of SIGIR 2011, Beijing, China (2011)
- Dumais, S., Jeffries, R., Russell, D. M., Tang, D., Teevan, J. "Large-scale logs analysis tutorial" SIGCHI full-day workshop, CHI 2011, Vancouver, B.C, Canada. (May, 2011)
- Co-editor with Peter Pirolli, special issue on "Sensemaking" Human-Computer Interaction Journal, vol. 26, n. 1 & 2 (April, 2011)
- Pirolli, P. Russell, D. M. "Introduction to this special issue on sensemaking" Human-Computer Interaction Journal, v 26, n 1 & 2, p 1 – 8 (April, 2011)
- Trimble, J., Rose, M., Schauer, C., & Russell, D. Image Search Visualization in a Planetary VO. In EPSC-DPS Joint Meeting 2011, Vol. 1, p. 1686, (2011, October).
- Russell, D. M. "Making the most of online searches" APS Observer, v 24, n 4 (April, 2011) also available as: <http://www.psychologicalscience.org/index.php/publications/observer/2011/april-11/making-the-most-of-online-searches.html>
- Ma, L., Mease, D., Russell, D. M. "A Four Group Cross-Over Design for Measuring Irreversible Treatments on Web Search Tasks" Proceedings of Hawai'i International Conference on Systems Sciences (HICSS) (January, 2011), Kauai, HI.
- Russell, D. M., Furnas, G., Stefik, M., Card, S., Pirolli, P. "Sensemaking Workshop CHI 2009," p. 3981-3984, Proc. Conference on Computer-Human Interaction (CHI), Boston, MA (2009)
- Russell, D. M., "Research on search in the academy and industry," IEEE Computer, special issue on Complex Search (ed., G. Marchionini), p 67-68, (March, 2009)
- Oliveira, F. T., Aula, A., & Russell, D. M. "Discriminating the relevance of web search results with measures of pupil size" In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (pp. 2209-2212). ACM. (2009, April)

- Russell, D. M., D. Tang, R. Jeffries, M. Kellar, "Task behaviors during web search: The difficulty of assigning labels," 42st Hawaii International Conference on Systems Science (HICSS-42 2009), Waikoloa, HI. (Jan, 2009)
- Russell, D. M., & Oren, M. (2009, January). "Retrospective cued recall: a method for accurately recalling previous user behaviors" In System Sciences, 2009. HICSS'09. 42nd Hawaii International Conference on (pp. 1-9). IEEE.
- Beymer, D., P. Z. Orton, D. M. Russell "An Eye Tracking Study of How Font Size and Type Influence Online Reading" Proc. HCI 2008, British Computer Society, vol 2, pp. 15-18, (Sept 2008)
- Jansen, B. J., Rosso, M. A., Russell, D. and Detlor, B. "The Google Online Marketing Challenge: A multi-disciplinary global teaching and learning initiative using sponsored search." Proc. Am. Soc. Info. Sci. Tech., 45: 1–3. doi: 10.1002/meet.2008.1450450127 (2008)
- Aula, A., Russell, D. M. "Complex and exploratory search" NSF Workshop on Complex Search, Chapel Hill, NC. (June 28, 2008)
- Russell, D. M., R. Jeffries, L. Irani "Sensemaking for the rest of us" CHI Workshop on Sensemaking 2008, CHI Conference Workshop paper, Florence, Italy (April, 2008)
- Russell, D. M., Furnas, G., Stefik, M., Card, S., Pirolli, P. "Sensemaking Workshop CHI 2008," p 3981-3984, Proc. Conference on Computer-Human Interaction (CHI), Florence, Italy (2008)
- Russell, D. M. D. Tang, M. Kellar, A. Najmi, N. Sharma, M. Meyer, E. Konar, D. Pregibon "Task behaviors during web search" Google internal white paper (Jan, 2008)
- Russell, D. M. "Deeply Intertwined: The unexpected legacy of Ted Nelson's Dream Machines/Computer Lib" Chapter in *HCI Remixed: Reflections on Works That Have Influenced the HCI Community*, p 13-18, T. Erickson, D. MacDonald (eds) MIT Press, 2008. .
- Russell, D. M., Lawrence, S., "Search Everything" Book chapter for *Personal Information Management* (J. Teevan, W. Jones, eds.) (2007)
- Russell, D. M. "Continual updates: The way of web-based software" sidebar for book *The Power of Web-based Software Release*, William Jones. (2007)
- Russell, D. M., Grudin, J. "Minitrack summary: Using information—new technologies, ways & means" pg 83. Proc. of Hawai'i International Conference on Systems Sciences (HICSS) 2007.
- Beymer, D., Russell, D. M., Orton, P. Z., "An Eye Tracking Study of How Pictures Influence Online Reading" INTERACT 2007, Rio de Janeiro, Brazil. (September, 2007)
- Grimes, C., Tang, D., Russell, D. M. "Query logs alone are not enough" WWW 2007, Workshop on Query Logs Analysis: Social and Technological Challenges, Banff, Canada (May, 2007)
- Tang, D., Russell, D. M., Pregibon, D., "Why your web session analysis is biased: Assumptions about data and the tradeoffs involved" Google internal white paper. (April, 2007)
- Lam, H., Russell, D. M., Tang, D., Munzner, T., "Session Viewer: supporting visual exploratory analysis of web session logs" p 147-154, IEEE Symposium on Visual Analytics Science and Technology (VAST-2007), Sacramento, CA. (October, 2007)
- Bingham, Tony, Pat Galagan, Rob Reindl, Michael Laff, Altison Rossett, Alice Gresham Walker, Peter Orton, David Beymer, and Daniel Russell. "Finding the Right Talent for Critical Jobs 30." *Training and Development* 61, no. 2 (2007).
- Orton, P. Z., Beymer, D., Russell, D. M., "Computer text line lengths affect reading and learning" Training and Development Journal (November, 2007)
- Russell, D. M., Grimes, C. "Assigned and self-chosen tasks are not the same in web search" Proceedings of the 40th Annual International Conference on Systems & Software, 85-92, HICSS 2007, Kona, Hawai'i, (full paper, 40% acceptance rate) (Jan, 2007)
- Russell, D. M., Lawrence, S., "Search Everything" Book chapter for *Personal Information Management* book by J. Teevan and W. Jones. p 153-166. 2007.
- Jones, W., Pirolli, P., Card, S., Fidel, R., Gershon, N., Morville, P., Nardi, B. A., Russell, D. M. "It's about the information stupid! Why we need a separate field of human-information interaction." CHI Extended Abstracts 2006: 65-68. (2006)
- Huang, E. M., Mynatt, E. D., Russell, D. M., Sue, A. E. "Secrets to Success and Fatal Flaws: The Design of Large Display Groupware" *IEEE Computer Graphics & Applications*. v 26, n 1, pp. 37-45. (Jan-Feb, 2006)

- Russell, D. M., Slaney, M., Qu, Y., Houston, M. “Being literate with large document collections: Observational studies and cost structure tradeoffs” Proceedings of the 39th Annual International Conference on Systems & Software, HICSS 2006, Kauai, Hawai'i, (full paper, 40% acceptance rate) (Jan, 2006)
- Russell, D. M., “The human side of intelligent agents: How and why agents and people need to get along” Brazilian International Conference on Intelligent Agents (SEMISH 2005), Soa Leopoldo, Brazil (July 25, 2005)
- Furnas, G. W., Russell, D. M., “Making sense of sensemaking” ACM Conference on Human Factors in Computing Systems, CHI '05 extended abstracts, Portland, OR, USA, pp: 2115 – 2116 (2005)
- Russell, D. M., Slaney, M. “Analytic Worksheets: A Framework to Support Human Analysis of Large Streaming Data Volumes” INTERACT 2005 (short paper; 36% acceptance rate out of 345 submissions) (September, 2005)
- Beymer, D., Russell, D. M. “Narrow vs. Wide Paragraphs: An Eye Tracking Analysis” full paper, INTERACT 2005. (25% acceptance rate out of 264 submissions) (September, 2005)
- Russell, D. M., Dieberger, A., Bhagwan, V., Gruhl, D., “The use of large visualizations for complex system awareness” INTERACT 2005, Rome, Italy (short paper; 36% acceptance rate) (September, 2005)
- Russell, D. M., Slaney, M., Qu, Y., Houston, M. “A Cost Structure Analysis of Manual and Computer-supported Sensemaking Behavior” Intelligence Analysis 2005 Conference, McLean, VA (short paper /poster, 26% acceptance rate out of 394 submissions) (May, 2005)
- Beymer, D., Russell, D. M. “WebGazeAnalyzer: A System for Capturing and Analyzing Web Reading Behavior Using Eye Gaze” *CHI 2005, short papers*. (33% acceptance rate) (April, 2005)
- Russell, D. M., Streitz, N., Winograd, T., “Building disappearing computers: Designing large displays for use in ubiquitous computing environments” *Communications of the ACM*, pp 42-49, (March, 2005)
- Russell, D.M.; Dieberger, A. “Minitrack Summary: Media Literacy-Reading and Writing Digital Forms” HICSS '05. Proceedings of the 38th Annual Hawaii International Conference on Systems Sciences. (short paper) (January, 2005)
- Slaney, M., & Russell, D. M., “Measuring Information Understanding in Large Document Collections,” Hawai'i Proceedings of the 38th Annual International Conference on Systems & Software, HICSS 2005, Kona, Hawai'i, (full paper, 40% acceptance rate) (January, 2005)
- Russell, D. M., Cousins, S. “ IBM Almaden's User Sciences & Experience Research Lab” Proceedings of ACM CHI Conference 2004, Vienna, Austria (2004)
- Russell, D. M. “UBICOMP 2003: Sensors in Seattle” *Pervasive Computing Journal*, v 3, n 2, p 76-80 (2004)
- Huang, E.M., Russell, D.M., and Sue, A.E. IM here: Public instant messaging on large, shared displays for workgroup interactions. In Proceedings of the ACM Conference on Human Factors in Computing Systems, Vienna, Austria, ACM Press, New York, 279–286 (Apr. 2004)
- Russell, D., Sue, A., Moving to Linux on the Desktop: The User Experience, IBM internal whitepaper (June, 2004)
- Russell, D. M., Trimble, J. T., Dieberger, A. “The use patterns of large, interactive display surfaces: Case studies of media design and use for BlueBoard and MERBoard” Proceedings of the 37th Annual Hawai'i International Conference on Systems & Software, HICSS 2004, Kona, Hawai'i, (January, 2004).
- Russell, D., Sue, A., “Large interactive public displays: Use patterns, support patterns, community patterns” book chapter in O'Hara, K., Perry, M., Churchill, E., Russell, D. M. (eds.) *Public and Situated Displays: Social and Interactional Aspects of Shared Display Technologies*. Kluwer Academic Publishers. (2003)
- O'Hara, K., Perry, M., Churchill, E., Russell, D. M. (eds.) *Public and Situated Displays: Social and Interactional Aspects of Shared Display Technologies*. Kluwer Academic Publishers. (2003)
- Huang, E. M., Russell, D. M., Sue, A. E. “On the adoption of groupware for large displays: Factors for design and deployment” UBICOMP Conference 2003 Conference, Seattle, WA. (poster), (2003)
- Russell, D. M. “Appropriate displays of intimacy: Lessons from digital jewelry and large interactive displays” UBICOMP Conference 2003 (workshop paper), Seattle, WA.
- Norman, D., Ortony, A., Russell, D. M. “Affect and Machine Design: Lessons for the Development of Autonomous Machines” *IBM Systems Journal*, v 42, n 1 (2003)
<http://www.research.ibm.com/journal/sj/421/norman.pdf>

- Russell, D. M., Maglio, P., Dordick, R., Neti, C. "Dealing with Ghosts: Designing the user experience of autonomic computing" IBM Systems Journal v 42, n 1 (2003)
<http://www.research.ibm.com/journal/sj/421/maglio.pdf>
- Russell, D. M. "Learning to see, seeing to learn: visual aspects of sensemaking," in Human Vision and Electronic Imaging VIII, Bernice Rogowitz, Thrasyloulos Pappas, Editors, Proceedings of SPIE-IS&T Electronic Imaging, SPIE Vol. 5007 (2003).
- Russell, D. M., Dieberger, A. "Synthesizing evocative imagery through design patterns." System Sciences, 2003. Proceedings of the 36th Annual Hawaii International Conference on. IEEE, 2003. (Jan, 2003)
- Russell, D. M., Sue, A. "Large interactive public displays: Use patterns, support patterns, community patterns" CSCW Workshop on *Public, community and situated displays: Design, use and interaction around shared information displays*, New Orleans, US. (November, 2002)
- Russell, D. M., Sue, A. "Using large interactive public displays for collaboration" Workshop on *Collaboration with interactive walls and tables*, UBICOMP 2002, Goteborg, Sweden (October, 2002)
- Russell, D. M., Drews, C., Sue, A. "Social aspects of using large public interactive displays for collaboration" (Short paper) Proceedings of UBICOMP Conference, Goteborg, Sweden (October, 2002)
- Russell, D. M., Trimble, J., Wales, R. "Two paths from the same place: Task driven and human-centered evolution of a group information surface" Make IT Easy Conference, San Jose, CA, USA. (June 2002) *Won "Best Paper" award at the Make IT Easy Conference. Corresponding demonstration also won "Best Demo" at the conference.*
- Russell, D. M., Gossweiler, R. "On the design of large personal & communal information appliances" Proceedings of the 3rd international conference on Ubiquitous Computing, Atlanta, GA, USA. Pages: 354 – 361. (September, 2001)
- Dieberger, A. & Russell, D. M. "Context lenses – Document visualization and navigation tools for rapid access to detail" Interact 2001, IOS Press, Tokyo, Japan, pp. 545-552. (July, 2001).
- Wilcox, L. & Russell, D. M. "Digital Documents in the Office and Education" Proceedings of the 34th Annual Hawaii International Conference on System Sciences (HICSS-34), vol: 4, p: 4041 (January, 2001)
- Dieberger, A., Russell, D. M. "Exploratory Navigation in Large Multimedia Documents using Context Lenses" Proceedings of the 35th Annual Hawaii International Conference on Systems Sciences (HICSS), Kona, Hawai'i, pp 911-917 (January, 2001)
- Russell, D. M. "The User Experience of ubiquitous computing" book chapter, Müncher Kreis (Munich Council of Industrial Development) Germany. (Fall, 2000)
- Want, R., Russell, D. M. "Tags, IDs and what to do with them" Distributed Systems Online, v 1, n 1. (Sept 15, 2000)
- Russell, D. M. "Design practice in the User Experience Research Group at Xerox PARC," Interactions, v 7, n 2, pgs 82-87, ACM (March, 2000).
- Russell, D. M. "A design-pattern-based video summarization technique: Moving from low-level signals to high-level structure" Proceedings of the 33rd Hawaii International Conference on System Sciences, Maui, Hawai'i, IEEE (Jan, 2000). 10 pp. v. 1.
- Russell, D. M. "Portable Document Readers (PDR) & E-Books: Designing a Handheld E-Reading Experience," PARC Internal Technical Report. (Jan, 1999)
- Russell, D. M., Weiser, M. "The future of integrated design of ubiquitous computing in combined real and virtual worlds" Conference on Human Factors in Computing Systems (CHI 98), 275 – 276, Los Angeles, CA (May, 1998).
- Streitz, N., Russell, D. M. "Basics of Integrated Information and Physical Spaces: The State of the Art" Conference on Human Factors in Computing Systems (CHI 98), Los Angeles, CA, p 273-274 (May, 1998).
- Russell, D. M. "Design vs. Technology vs. Understanding in Information Graphics: A three-way battle for the reader," AIGA Journal, v 16, n 2 (July, 1998)
- Russell, D. M. "An overview of the Knowledge Management Technology Laboratory" SIGCHI Bulletin, v 30, n 2 (April, 1998) also as: <http://www.acm.org/sigchi/bulletin/1998.2/russell1.html>
- Russell, D. M. "The User Experience Research Group" SIGCHI Bulletin, v 30, n 2 (April, 1998) also as: <http://www.acm.org/sigchi/bulletin/1998.2/russell2.html>

- Russell, D. M. "Thoughts about Roomware: A visiting scholar's impressions and considerations" Technical Report, Ambiente Group, GMD-IPSI, Darmstadt, Germany (Dec 17, 1997)
- Russell, D. M., Doherty, R., Burns, A., Lee, F., Hancock, E. "Network Computing: Analysis & proposed strategy for Apple Computer" Internal ATG White Paper. (July, 1997).
- Russell, D. M. "Searching on the WWW: Some heuristics to make your searches faster and better" Apple Technology Review (April, 1997).
- Russell, D. (ed.) "User Experience Research Papers - 1996" A collection of research work performed by the UER group during 1996. (Nov, 1996).
- Christianson, D., Russell, D. M. "Planners in the Mac OS" Apple Technical Report #96-6. (Oct, 1996)
- Russell, D. M. "Ways to create Distinctly Superior User Values in Apple Products" Internal Apple White Paper, (May 27, 1996).
- Russell, D. M., Bellotti, V. "CHI-96 Review" ATG Review, Apple Computer journal (May, 1996).
- Erickson, T., Henderson, A., Hill, C., Norman, D., Russell, D., Saddler, H. "Activity Based Computing" Advanced Technology Group Technical Report #151 (January, 1996)
- Russell, D. M. "Dialog models for intelligent agents" Lifelike Computer Characters Workshop, Snowbird, UT (October, 1994)
- Davis, M., Baudin, C., Smadar, K., Russell, D. M. "No multimedia without representation" Proceedings of the Second ACM Multimedia Conference, San Francisco, CA (June, 1994)
- Glushko, Robert J., Dougherty, Dale, Kimber, Eliot, Rizk, Antoine, Russell, Daniel M., Summers, Kent (1994): "HTML -- Poison or Panacea?". In: Proceedings of ECHT 94 the ACM European Conference on Hypermedia Technology. Sept 18-23, 1994, Edinburgh, UK. p.245-246
- Paolini, Paolo, Glushko, Robert J., Dougherty, Dale, Kimber, Eliot, Rizk, Antoine, Russell, Daniel M. (1994): "Does Multimedia Make a Difference?". In: Proceedings of ECHT 94 the ACM European Conference on Hypermedia Technology. Sept 18-23, 1994, Edinburgh, UK. p.247
- Russell, D. M. "Creating and using index links in multimedia documents: a simple knowledge-augmented approach" AAAI-94 Workshop on Indexing in Multimedia, Seattle, WA (June, 1994)
- Russell, D. M. "Semiformal Representations in Hypermedia" in *Advanced Technologies Applied to Training Design*, p. 311-325, Robert J. Seidel (Editor), Paul R. Chatelier (Editor) (1993)
- Russell, D. M., Stefik, M. J., Pirolli, P., Card, S. K. . The cost structure of sensemaking. In Proceedings of ACM INTERCHI'93 Conference on Human Factors in Computing Systems, pages 269—276 (1993)
- Russell, D. M. "Agents: A survey and state-of-the-art report" Intelligent Systems Program, White Paper, Apple Computer, Cupertino, CA (November, 1993)
- Russell, D. M. "An annotated intelligent agents bibliography" Intelligent Systems Program, White Paper, Apple Computer, Cupertino, CA (November, 1993)
- Russell, D. M. "Hypermedia & Education" Tutorial notebook, Hypertext '93, Seattle, WA. (November, 1993) Also presented at Ed-Media Conference, Vancouver, British Columbia, Canada (June, 1994), Also European Conference on Hypertext (ECHT), Edinburgh, Scotland (September, 1994).
- Russell, D. M. "Construction in Storyspace, MacWeb and IDE" Technical Briefing, Hypertext '93, Seattle, WA. (November, 1993)
- Rao, R., Russell, D. M., Mackinlay, J. D. "System components for embedded information retrieval from multiple disparate information sources" Proc. of 1993 ACM Symposium on User Interface Software and Technology, (UIST '93) Atlanta, GA. (November, 1993)
- Russell, D. M. "Apple & the Internet: Plugging everyone into the world network" Internal White Paper for Internet Working Group, Apple Computer, Cupertino, CA (October, 1993)
- Russell, D. M. "Hypermedia, Multimedia, Information Visualization: What can they do for me?" Proc. of American Statistical Association, Conference, San Francisco, CA (July, 1993).
- Russell, D. M. "Portable Document Readers" White paper for Xerox Ubiquitous Computing Workshop, Los Altos, CA (April, 1993)
- Russell, D. M., Pirolli, P. (July, 1992) "Computer assisted instructional design for computer-based instruction" Final report to the National Center for Research on Vocational Education.

- Gruber, T., Russell, D. M. (July, 1992) "Beyond the record and replay paradigm for design rationale support" AAAI Conference, Design Rationale Workshop, San Jose, CA.
- Russell, D. M., Pirolli, P. (May, 1992) "An Instructional Design Environment for cognitive tasks involving software use" American Educational Research Association (AERA) Conference Proceedings, San Francisco, CA.
- Gruber, T. R., Russell, D. M. (April, 1992) "Generative design rationale: Beyond record and replay" Xerox PARC Technical Report SSL-92-59 Book chapter in *Design Rationale*, T. Moran, editor; Lawrence Erlbaum Associates Press, to appear, Summer, 1993
- Russell, D. M. (April, 1992) "The Instructional Design Environment (IDE): a tool for designing and creating instructional materials" IRL Technical Summary, Palo Alto, CA.
- Russell, D. M., Stefik, M. J. (January, 1992) "Beyond information retrieval: Information systems for sensemakers" Xerox PARC Technical Report 92-xxxx.
- Gruber, T., Russell, D. M. (December, 1991) "Derivation and use of design rationale information as expressed by designers" Xerox PARC Technical Report SSL-92-xxxx Also as Stanford Technical Report, KSL-92-64.
- Russell, D. M. (October, 1991) "Semiformal representations for the analysis of complex domains" NATO Workshop on Advanced Technologies for Training, Venice, Italy. (Also published in *Advanced Technologies Applied to Training Design*, Chatelier, P., Seidel, R. J., eds., 1992, Plenum Books.)
- Russell, D. M. (July, 1991) "The ontologies of knowledge representations: Why knowledge definitions should not be protected" United Nations World Intellectual Property Rights Association, UN Publication UN-378.
- Russell, D. M., Kelley, L. K. (April, 1991) "Encouraging reflection through an automated design tool: Using IDE for teacher education" American Educational Research Association (AERA) Conference Proceedings, Chicago, IL.
- Swartz, M., Russell, D. M., Walker, G. (December, 1990), "Designing foreign language tutoring systems: An application in Chinese" <some foreign language journal>
- Russell, D. M. "Hypermedia and Education" (November, 1990) Tutorial notes, European Conference on Hypertext (ECHT) '90, INRIA, Paris, France.
- Gruber, T., Russell, D. M. (July, 1990) "Design Knowledge and Design Rationale: A Framework for Representation, Capture and Use" Knowledge Systems Laboratory Technical Report KSL90-45, Stanford University (also available as SSL Technical Report SSL-91, Xerox PARC.)
- Russell, D. M. (August, 1990) "Problems Students Experience with the Apple Macintosh Environment (... and how to avoid them ...)" IRL Technical Report, Institute for Research on Learning, Palo Alto, CA.
- Russell, D. M., Kelley, L. K., Miner, S. (June, 1990) "IDE 2.0 Tutorial" IRL Technical Report, Institute for Research on Learning, Palo Alto, CA.
- Russell, D. M., (1990) "Hypermedia and Representation" In *Hypertext und Hypermedia: Von theoretischen Konzepten zu praktischen Anwendungen*, (P. Gloor, N. Streitz, eds.), Informatik-Fachberichte Heidelberg: Springer, Germany.
- Pirolli, P., Russell, D. M. (1990) "The Instructional Design Environment: Technology to Support Design Problem Solving" *Instructional Science*, 19: 121-144.
- Streitz, N., Russell, D. M. (April, 1990) *Hypertextsysteme: Konzepte und Anwendungen*. Tutorial for the Deutsche Informatik Akademie, Bonn, W. Germany.
- Walker, G., Swartz, M., Russell, D. M. (April, 1990) "Chinese FLESH: Hypertext design of a hypermedia curriculum in Chinese common speech" 9th World Conference of Applied Linguistics, Greek Applied Linguistics Association, Thessalonika, Greece.
- Gloor, Peter A., Kibby, Michael R., McAleese, Ray, Mühlhäuser, Max, Nelson, Gerald C., Russell, D. M.: *How Should Hypermedia Authoring Systems for Computer Aided Instruction Look? (Panel)*. ECHT 1990: 337-342.
- Russell, D. M. (1990) "Alexandria: A Learning Resources Management Architecture" book chapter in *Designing Hypermedia for Learning*, pgs 439-457, Springer-Verlag, (NATO ASI Series, v. 67) D. Jonassen, H. Mandl, eds.
- Russell, D. M., Pirolli, P. (July, 1989) "Computer Assisted Instructional Design for Computer-based Instruction" Grant Proposal to National Center on Vocational Education Research

- Jordan, D., Russell, D. M., Jensen, A.M., Rogers, R. A. (October, 1989) "Facilitating the Development of Representations in Hypertext with IDE" Proceedings of Hypertext 89, Pittsburgh, PA.
- Swartz, M. L., Russell, D. M. (November, 1988) "FL-IDE: Hypertext for Structuring a Conceptual Design for Computer-Assisted Foreign Language Learning" Reprinted in Intelligent Language Tutoring Systems, M. Yazdani, Ed., Kluwer Academic Publishers, Dordrecht, Netherlands (1990) *Instructional Science*, 18: 5-26 (1989) Originally presented at International Workshop on Intelligent Tutoring Systems for Second Language Learning, Trieste, Italy, (November, 1988).
- Russell, D. M., Burton, R. R., Jordan, D.S., Jensen, A. M., Rogers, R.A., Cohen, J. (August, 1988) "Creating Instruction with IDE: Tools for Instructional Designers" Xerox PARC SSL report P88-0007, Intelligent Tutoring Media, v 1, n 1 (1990); reprinted in *AI and Education*, (M. Yazdani, R. Lawler, eds.), Learned Information, Cambridge (1991); reprinted in *Intelligent Tutoring Systems*, (E. Bar-on, Scherz & Eylon, eds.), Ablex Publishing, New Jersey (1993)
- Pirolli, P., Russell, D. M. (June, 1988) "Towards Theory and Technology for the Design of Intelligent Tutoring Systems" International Conference on Intelligent Tutoring Systems, Montreal, Canada.
- Russell, D. M., Moran, T., Jordan, D. (1988) "The Instructional Design Environment" in *Intelligent Tutoring Systems: Lessons Learned*, J. Psocka, D. Massey Jr., S. Mutter (eds), Lawrence Erlbaum Associates Inc., Hillsdale, NJ.
- Moran, T. D., Russell, D. M., Jordan, D., Jensen, A. M., & Orr, J. (1988). "Semantics of Procedures: A Cognitive Basis for Maintenance Training Competency" Technical Report, Xerox Special Information Systems, Pasadena, CA.
- Russell, D. M. (1988) "The IDE-Interpreter" in *Intelligent Tutoring Systems: Lessons Learned*, J. Psocka, D. Massey Jr., S. Mutter (eds), Lawrence Erlbaum Associates Inc., Hillsdale, NJ.
- Greeno, J., Pirolli, P., Russell, D. M., Schoenfeld, A. (November, 1987) "Problem Solving in High School Algebra: Research and Development for Teacher Education, Instruction, and Technology" Grant proposal to the James S. McDonnell Foundation.
- Jensen, A.M., Jordan, D.S., Russell, D. M. (October, 1987) "The IDE System for Creating Instruction" Proceedings of Applications of Artificial Intelligence and CD-ROM in Education and Training, Arlington, VA.
- Mittal, S., Sang, H., Araya, A., Godreau, E., Lavendel, G., Russell, D. M., Tatar, D. (October, 1987) "Knowledge-Based Productivity Tools: Opportunities for Research at Xerox" Xerox Internal Report to the Office of Center Manager, Palo Alto, CA.
- Jordan, D. S., Burton, R. R., Jensen, A.M., Russell, D. M. (September, 1987) "A Hypertext Environment to Support the Task of Instructional Design" PARC ISL Technical Report.
- Shrager, J., Jordan, D., Moran, T., Kiczales, G., Russell, D. M. (December, 1987) "Pragmatic Issues in Qualitative Modeling: Lessons Learned from Modeling Xerography" *Communications of the ACM*, 30, 12.
- Psocka, J., Massey, L.D. Jr., Russell, D. M. (June, 1987) "An Overview of ARI Research in Intelligent Computer-Assisted Instruction (ICAI)" Army Research Institute Abstracts, Alexandria, VA.
- Quinn, L., Russell, D. M. (April, 1986) "Intelligent Interfaces: User Models and Planners" Computer-Human Interaction Conference, SIGCHI-ACM, Boston, MA.
- Russell, D., Moran, T., Newman, S. (January, 1985) "The Semantics of Procedures: Interim Progress Report I" Report to Army Research Institute.
- Russell, D., Moran, T., Newman, S. (July, 1985) "The Semantics of Procedures: Interim Progress Report II" Report to Army Research Institute.
- Russell, D. M. (December, 1984) "Schema-Based Problem Solving" Ph.D. Thesis, University of Rochester.
- Russell, D. M. (Summer, 1984) Book review of Wilensky's "Planning and Understanding" *AI Journal*,
- Russell, D. M. (September, 1983) Chapter 2, *Introduction to Interlisp*, Interlisp Manual, Xerox PARC.
- Russell, D. M. & Whitaker, H. (December, 1979) "Apraxia as a Dysfunction of a Planning Mechanism" *Cognitive Science and Brain Theory*, vol 3, no 2.
- Russell, D. M. (August, 1979) "Where Do I Look Now? Modeling and Inferring Object Locations from Constraints" Pattern Recognition and Image Processing Conference (IEEE-PRIP), Chicago, IL.

- Russell, D. M., Brown, C. M. (November, 1978) "Locating Objects in Images Using Constraints"
 Proceedings of DARPA Image Understanding Workshop, Carnegie-Mellon University, Pittsburgh, PA.
- Russell, D. M. (August, 1978) "Constraint Networks: Modeling and Inferring Object Locations from Constraints," Technical Report 38, University of Rochester, NY.

OTHER MEDIA

- Russell, D. M., short video published: "How to Browse the Virtual Bookshelf"
<https://www.youtube.com/watch?v=ff5YaxhijlI> (9/9/15)
- Russell, D. M., "Search in India Five-minute video summarizing UX research for Search Features, Mountain View, CA (5/20/15)
- Russell, D. M., "What can you do when things go slightly wrong?" Five-minute video summarizing UX research for Search Features, Mountain View, CA (2/23/15)
- Russell, D. M., "Rhythm of Conversation" for Search Features Five-minute video summarizing UX research for Search Features, Mountain View, CA (11/10/14)
- Russell, D. M. "The future of asking & answering questions" TEDx Palo Alto High School,
<https://www.youtube.com/watch?v=ZaRYiu1HNck> (2/21/14)
- Russell, D. M., Olson, G., Olson, J. "Academic Research at Google" (I interview Gary and Judy Olson about their research program supported by Google Grants)
<https://www.youtube.com/watch?v=hIGxgwOMuyE>
- Russell, D. M., "Mindtools: The evolution of literacy" ACM Distinguished Lecture, University of North Carolina, Chapel Hill, NC (3/5/14) <http://vimeo.com/89737037>
- Russell, D. M., "Search now and search in the future: A look at where we are and the current vector" (recording of a talk given to Colorado State University librarians) -- 75K+ views (1/12/12)
<https://www.youtube.com/watch?v=QDBhP7XTfII>
- Russell, D. M., "How to search with Google Scholar and other Educational Resources on Google"
<http://youtu.be/bJByIPRrTfE> 250K+ views (1/6/12)
- Russell, D. M. "Green links and discoverability" 5-minute video for Search Quality, MTV, CA (10/12/11)
- Russell, D. M. "Search Expertise: Facility and Experience" 5-minute video for Search Quality, MTV, CA (8/17/11)
- Russell, D. M. "How teachers teach search (or don't)" 5-minute video for Search Quality, Mountain View, CA (7/20/11)
- Russell, D. M. "Credibility, People and all that Stuff on the Left Hand Side," 5-minute video for Search Quality, Mountain View, CA (7/6/11)
- Russell, D. M. "AGoogleADay Overview" 5-minute video for Quality (#71 and #72), Mountain View, CA (6/8/11)
- Russell, D. M. "Searching for operators: An exercise in futility?" Five-minute UX video; Search Quality seminar (5/18/11)
- Russell, D. M. "High school librarians teaching search: What they value" Five-minute UX video; Search Quality seminar (4/20/11)
- Russell, D. M. "Holiday field study #1: Colin's mom uses Google" Five-minute UX video; Search Quality seminar (3/23/11)
- Russell, D. M., "Teacher search behaviors and discoverability" Five-minute UX video; Search Quality seminar (1/26/11)
- Russell, D. M., "2010 Field Study Summary" Five-minute UX video; Search Quality seminar (1/12/11)
- Russell, D. M., "Eight Chinese Moms: Doing a field study at home" Five-minute UX video; Search Quality seminar (12/12/10)
- Russell, D. M. "How people read and use Google News" Five-minute UX video; Search Quality seminar (11/17/10)
- Russell, D. M. "Search Expertise" Five-minute UX video; Search Quality seminar (9/22/10)

Russell, D. M “Medical Search #6: Triangulation” Five-minute UX video; Search Quality seminar (9/8/10)

Russell, D. M “Medical Search #5” Five-minute UX video; Quality seminar (8/11/10)

Russell, D. M “Medical Search #4: Typical family medical questions” Five-minute UX video; Quality seminar (7/14/10)

Russell, D. M “The value of having seen search before” Five-minute UX video; Quality seminar (6/30/10)

Russell, D. M “Social search: A users’ response” Five-minute UX video; Quality seminar (6/2/10)

Russell, D. M “Medical Search #3: Questions, Framing, Search” Five-minute UX video; Quality seminar (6/2/10)

Russell, D. M “Medical Search #2: Question asking” Five-minute UX video; Quality seminar (4/21/10)

Russell, D. M “Medical Search #1: Health search in Mariposa” Five-minute UX video; Quality seminar (3/24/10)

Russell, D. M “At the reference desk” Five-minute UX video; Quality seminar (3/10/10)

Russell, D. M “China Overview #2: On Baidu and Google Search” Five-minute UX video; Quality seminar (1/13/10)

Russell, D. M “China Overview #1: High schoolers on Baidu and Google” Five-minute UX video; Quality seminar (12/16/09)

Russell, D. M “Ultra-Searcher #2” Five-minute UX video; Quality seminar (12/2/09)

Nov 4, 2009: “Ultra Searcher #1: Expertise in Travel Searches” Five-minute UX video; Quality seminar (11/4/09)

Russell, D. M “Name search #2: Magical People Search” Five-minute UX video; Quality seminar (10/7/09)

Russell, D. M “Name search #1: Basics” Five-minute UX video; Quality seminar (9/23/09)

Russell, D. M “Image Field Study Notes #2: Misbehaviors and Misconceptions” Five-minute UX video; Quality seminar (9/9/09)

Russell, D. M “NECC 2009: Teachers talk about search skills ” Five-minute UX video; Quality seminar (8/26/09)

Russell, D. M “Image Field Study Notes #1” Five-minute UX video; Quality seminar (8/12/09)

Russell, D. M “Live vs. Google: A comparison” Five-minute UX video; Quality seminar (4/22/09)

Russell, D. M “Teaching search skills from the reference desk ” Five-minute UX video; Quality seminar (7/29/09)

Russell, D. M “Reference Librarians View of Undergraduate Searching Skills” Five-minute UX video; Quality seminar (6/17/09)

Russell, D. M “Is Live.com SERP more attractive than Google’s?” Five-minute UX video; Quality seminar (6/3/09)

Russell, D. M “Image search on Live.com vs. Google” Five-minute UX video; Quality seminar (5/20/09)

Russell, D. M “Why use Live over Google?” Five-minute UX video; Quality seminar (5/6/09)

Russell, D. M “Family search 2” Five-minute UX video; Quality seminar (4/8/09)

Russell, D. M “Family search 1” Five-minute UX video; Quality seminar (3/24/09)

Russell, D. M “Learning about new features” Five-minute UX video; Quality seminar (1/14/09)

Russell, D. M Notes on People Search” Five-minute UX video; Quality seminar (12/17/08)

Russell, D. M “Self-identified Google Expert” Five-minute UX video; Quality seminar (12/3/08)

Russell, D. M “Credibility” Five-minute UX video; Quality seminar (11/19/08)

Russell, D. M “Using Search to Teach School” Five-minute UX video; Quality seminar (11/5/08)

Russell, D. M “After the Search Class” Five-minute UX video; Quality seminar (10/8/08)

Russell, D. M “Search Life of a Tech-Savvy Teacher” Five-minute UX video; Quality seminar (9/24/08)

Russell, D. M “Two Difficult Searches” Five-minute UX video; Quality seminar (9/10/08)

Russell, D. M. “Computer Savvy? Skills among the young” Five-minute UX video; Quality seminar (Mar 1, 2008)

Russell, D. M. “Losing a bookmark in mobile search” Five-minute UX video; Quality seminar (Mar 27, 2008)

Russell, D. M. “Visual scan patterns on commercial search results” Five-minute UX video; Quality seminar (Feb 13, 2008)

Russell, D. M. “Music Search” Five-minute UX video; Quality seminar (Jan 30, 2008)

Russell, D. M. “Using plus and minus: Mental models of use” Five-minute UX video; Quality seminar (May 7, 2008)

Russell, D. M. “Multiple ways to shop” Five-minute UX video; Quality seminar (May 30, 2008)

Russell, D. M. “Mental models of web search v. local search” Five-minute UX video; Quality seminar (Jun 4, 2008)

Russell, D. M. “Expert searcher behavior” Five-minute UX video; Quality seminar (Jun 18, 2008) •

Russell, D. M. “What searchers want” Five-minute UX video; Quality seminar (Jul 2, 2008) •

Russell, D. M. “Expert research strategies” Five-minute UX video; Quality seminar (Jul 16, 2008) •

Russell, D. M. “Searching, shopping and help” Five-minute UX video; Quality seminar (Aug 13, 2008) •

Russell, D. M. “Two problems with search” Five-minute UX video; Quality seminar (Sep 10, 2008) •

Russell, D. M. “Search life of a tech-savvy teacher” Five-minute UX video; Quality seminar (Sep 24, 2008) •

Russell, D. M. “After the search class” Five-minute UX video; Quality seminar (Oct 8, 2008) •

Russell, D. M. “Using search to teach school” Five-minute UX video; Quality seminar (Nov 5, 2008) •

Russell, D. M. “Credibility” Five-minute UX video; Quality seminar (Nov 19, 2008) •

Russell, D. M. “A Self-identified Google expert” Five-minute UX video; Quality seminar (Dec 3, 2008) •

Russell, D. M. Notes on people search” Five-minute UX video; Quality seminar (Dec 17, 2008)

Russell, D. M. “Chinese Search Video” Five-minute UX video; Quality seminar (Oct 10, 2007) •

Russell, D. M. “Paradoxical Search Mix” Quality seminar (Oct 22, 2007) •

Russell, D. M. “Translanguage Search” Five-minute UX video; Quality seminar (Dec 5, 2007) •

Russell, D. M. “Year-end Field Studies Review” Five-minute UX video; Quality seminar (Dec 12, 2007) •

Russell, D. M. “Searching for a vehicle code” Five-minute UX video; Quality seminar (Dec 19, 2007) •

Russell, D. M. “Searching for Music” Five-minute UX video; Quality seminar (Jan 30, 2008) •

Russell, D. M. “Visual scan patterns on commercial search results” Quality seminar (Feb 13, 2008) •

Russell, D. M. “Young and computer savvy?” Five-minute video talk to Quality (Feb 27, 2008) •

Russell, D. M. “Teleporting summary” Five-minute UX video; Quality seminar •

Russell, D. M. “Susie’s Search Life” Five-minute UX video; Quality seminar •

Russell, D. M. “How does Google work? A mental model tour” Five-minute UX video; Quality seminar •

Russell, D. M. “Advanced medical searching” Five-minute UX video; Quality seminar •

Russell, D. M. “An Eyetracking view of advanced search and refinements” Five-minute UX video; Quality seminar •

Russell, D. M. “Tour of the SERP” Five-minute UX video; Quality seminar •

Russell, D. M. “A Frequent Searcher” Five-minute UX video; Quality seminar •

Russell, D. M., Norman, D. “Lewis & Clark’s Journey Across North America” a Google Earth kiosk-based interactive exhibit at the Museum of American Heritage, Palo Alto, CA (January – May, 2006)

Slaney, M., Russell, D. M. Short videos for Distillery Project (June, 2005) (1) “Analytic Worksheets,” (2) “Streaming Social Networks,” (3) “Standing Queries”

Russell, D. M., Sue, A. “Serenity: A vision of personal avatars for interrupt reduction” Video (March, 2003)

Russell, D. M., Sue, A. “BlueBoards for shoulder-to-shoulder collaboration” Video (July, 2002)

Russell, D. M., McKenna, S., Kramer, E. “PDRs in the office: A visionary scenario” Videotape (April, 1998)

Russell, D. M., Landow, G. “Hypermedia in Education: A tutorial Web” (February, 1996; updates in June 1998 – <http://www.earthlink.net/~dmrussell/index.htm>)

- Russell, D. M., Stefik, M. J. "The rapidly changing world of documents: A view from MacWorld" Videotape. (April, 1993)
- Russell, D. M., Stefik, M. J. "The electronic document: Changes in 1993" A multimedia document (Hypercard, MacroMind Director). Presented many times within Xerox Corporation. (June, 1993)
- Pirolli, P., Russell, D. M. "An Instructional Design Environment for the Analysis of Cognitive Tasks Involving Software Use." Poster at AERA 92, San Francisco, CA.
- Russell, D. M., Pirolli, P. "Introduction to Excel" Hypercard stackware, Xerox PARC (January, 1992)
- Russell, D. M. "Educational Hypermedia Collection -1990" Videotape, 30 mins, Xerox PARC (November, 1990)
- Russell, D. M. "IDE Rapid Demo Tape" Videotape, 15 mins, Xerox PARC (September, 1988)
- Russell, D. M. "Overview of the Instructional Design Environment" Videotape, 5 mins, Institute for Research on Learning (September, 1987)
- Russell, D. M. "The Instructional Design Environment" Videotape, 15 mins, Xerox PARC (March, 1987)
- Russell, D. M. "The IDE-Interpreter" Videotape, 5 mins, Xerox PARC (March, 1987)
- Russell, D. M. "Basic Xerography" (with D. Jordan, A-M. Jensen, T. Moran, J. Orr, S. Newman) Interactive Video Disk course, 2.5 hrs, Xerox PARC (May, 1986)

INVITED TALKS

- "Innovation practices in Silicon Valley: True stories about innovation that you don't already know" Salzburg Global Academy on Journalism, Salzburg, Austria (July 18, 2018)
- "Searching for Facts and Truth: Research Tactics & Strategies" Salzburg Global Academy on Journalism, Salzburg, Austria (July 17, 2018)
- "Future of learning: How can people learn the concepts and skills they need in the Age of the Internet?" Federal Reserve, Kansas City, KS (July 12, 2018)
- "The Future of Human Learning in the Online Age: How will people learn the skill they need for academe, work, and life?" invited talk for American Psychological Society (APS), San Francisco, CA (May 26, 2018)
- "Thoughts about Digital Preservation: Strategy and Tactics" Smithsonian Libraries, Washington, DC (May 16, 2018)
- "The Future of Facts" Future of Information Alliance event, Washington, DC. (May 15, 2018)
- "Daring to Change: Creating a Slower More Sustainable Academic Life" panel presentation at CHI 2018, Montreal, Canada (April 23, 2018)
- "Search is not yet a solved problem for systems OR searchers" Dalhousie Computer Science Department Colloquium, Halifax, Canada (April 19, 2018)
- "The Future of Learning" Dalhousie University Business School, Halifax, Canada (April 18, 2018)
- "Determining Credibility Determining Truth" invited talk, League of Women Voters, Palo Alto, CA (April 9, 2018)
- "The Future of Learning: Education in the Age of Google" Federal Reserve, San Francisco, CA (April 9, 2018)
- "Machine Intelligence" invited talk at Razorfish, NYC. (March 30, 2018)
- "Art, Design, Research: Three Aspects of Knowing" – with Anina Major, Jacqueline Karaaslanian, Eli Kuslansky, Barbara Ferry. Pratt Institute, NYC, NY (March 29, 2018)
- "Mental models / User models" Google Zürich office, PAIR symposium on AI and HCI (March 21, 2018)

- “Daring to Change: Creating a Slower More Sustainable Academic Life” CHI Conference, Montreal, Canada (April 23, 2018)
- “Search is not yet a solved problem for systems OR searchers” Dalhousie Computer Science Department (April 19, 2018)
- “The Future of Learning” Dalhousie University, Nova Scotia, Canada (April 18, 2018)
- “Determining Credibility Determining Truth” League of Women Voters, Palo Alto, CA (April 9, 2018)
- “The Future of Learning: Education in the Age of Google” Federal Reserve (SF) (April 9, 2018)
- “Determining Credibility & Truth” League of Women Voters, Palo Alto, CA. (April 2, 2018) video: https://youtu.be/3fO6_ZhfMHs (:53 – 1:12)
- “Google Machine Intelligence Overview” Sapient-Razorfish (NY, NY) (March 29, 2018)
- “Mental models / User models” Google Zürich (March 21, 2018)
- “Getting the most from Google Scholar” Smithsonian Libraries, training seminar for librarians, Washington DC (1/26/17)
- “The Future of Learning: How will people learn the skills they need for academe, work, and life?” Smithsonian Institution, invited lecture in the Q?rius Theatre, Washington DC (1/26/17)
- “Advanced Research Skills for Librarians: A workshop” Library of Congress, Invited training class for librarians, Washington DC (1/25/17)
- “Why libraries and research skills matter to everyone” Library of Congress, Invited lecture, Washington DC (1/25/17)
- “Train the Trainer: Investigative Google Research Tools with Google Research” Health & Human Services staff, Washington DC (1/24/16)
- “Google Power Search 2.0” HHS Investigative Staff, Washington DC (1/24/16)
- “How do you get past fake news and low-quality content? 10 lessons in SearchResearch Skills” EdTech Conference, Invited Class, Roseville, CA (1/15/16)
- “In the Library of the Future” University of Syracuse, I-school invited colloquium, Syracuse, NY (11/8/16)
- “The Future of Learning: How will people learn the skills they need for academe, work, and life?” University of Rochester, CS Department Colloquium, Rochester, NY (11/7/16)
- “In the Library of the Future” Malcolm Hill Memorial Lecture, New York Library Association, Saratoga Springs, NY (11/4/16)
- “Why Libraries (and Research Skills) Matter” Franklin D. Roosevelt Library and Museum, Hyde Park, NY (11/3/16)
- “More Advanced Search Skills for Investigators” CBS News, 60 minutes investigative staff, New York, NY (11/2/16)
- “The Future of Asking (and Answering) Questions: How technology changes the way we think” University of Maryland, Kirwan Library colloquium (10/31/16)
- “Advanced Research Skills for Journalists: What do you really need to know?” University of Maryland, Journalism 476 class (10/31/16)
- “The Future of Asking (and Answering) Questions: How technology changes the way we think” Dixie State College, invited lecture, Saint George, UT (10/4/16)
- “Understanding user behavior at three scales” University of Colorado invited I-school department colloquium (8/31/16)
- “Beyond ordinary research: How deep search changes knowing and knowledge” University of Colorado invited class lecture (INFO 1111) (8/30/16)
- “What does it mean to be an information scientist?” Opening of the University of Colorado Information Sciences School, Boulder, CO (8/29/16)
- “What is user experience research?” User Experience Research Interns, Google, San Francisco, CA (7/29/16)
- “Moonshot Makers – attempts and failures” Design Workshop for Teens, Rinconada Library, Palo Alto, CA (6/20/16)

keynote: “Simple is Good: Observations about infoviz use among the digerati” AVI Conference, Bari, Italy (6/11/16)

“Advanced Search Skills for Journalists,” NODA Conference 2016, Helsinki, Finland

“New ways of seeing” FIA seminar talk, U. Maryland, College Park (3/14/16)

“The Quest for Understanding Our Culture” IPAM Conference, UCLA, CA (3/11/16)

keynote: “What do you need to know?” Librarian Association of the University of California, UC Merced, CA (3/21/16)

keynote: “Knowing and Learning from Big Data: Pragmatics and cognitive limits” closing keynote for “Human-Centered Data Science Workshop” at CSCW 2016 (San Francisco, CA)

keynote: “Teaching in an innovative world” closing keynote at Innovation Academy, Mountain View, CA (2/25/16)

ACM distinguished lecture: “Google Innovation, Culture & Practice: A view from inside the Googleplex,” Florida State University, Tallahassee, FL. (2/19/16)

ACM distinguished lecture: “Google Innovation, Culture & Practice: A view from inside the Googleplex,” at FSU i-School. (2/19/16)

ACM distinguished lecture: “So You Think You Can Search? How People Search & Some REALLY Advanced Google Search Tips for Engineers” UC Riverside, ACM Distinguished Lecture. UC Riverside, Riverside, CA (2/8/16)

“My 10 favorite research problems” GAFE Summit (Roseville, CA) (2/6/16)

“Going beyond ordinary research: How deep search skills change everything” Anthropology 285 class at Emory University (1/27/16)

“Why research skills matter more than ever” GAFE EdTech Summit, Napa, CA. (1/23/16)

“The Evolution of Literacy into the Future” – VALE conference (New Brunswick, NJ) (1/15/16)

“Crowd research and the study-class method,” HICSS-2016, Poipu, HI (1/5/16)

“Cognitive Assistants for Research & Teaching” Invited talk, HICSS-2016, Poipu, HI (1/5/16)

“Gmail basics study-class,” Mitchell Park Public Library, Palo Alto, CA (12/17/15)

“The Future of Libraries” at CCSF Rosenburg library, San Francisco, CA (12/4/15)

“Going beyond ordinary research: How deep search skills change everything” - Must See Mondays, ASU Cronkite School of Journalism (11/23/15)

“The future of literacy... Learning and knowing in the Age of the Internet” Information & Communication Department, Rutgers University (11/16/15)

“On the future of libraries” Future Tense / Slate event in DC (11/12/15)

“Mindtools: What does it mean to be literate? Dalhousie Graduate School of Management seminar, Dalhousie University, Halifax, Nova Scotia, Canada (10/21/15)

“Knowing and learning from Big Data” Big Data Congress, Halifax, NS, CA (10/21/15)

“Designing for Searching and Finding” Dalhousie Computer Science Department seminar, Dalhousie University, Halifax, Nova Scotia, Canada (10/14/15)

“Google Search Methods for Researchers: How to find what you didn’t know existed” Global Investigative Journalists Conference, Lillehammer, Norway (10/9/15)

“How to become an instant expert through Google” Global Investigative Journalists Conference, Lillehammer, Norway (10/8/15)

“Future of libraries: Learning and knowing in the Age of the Internet” Bay Area Librarians Association, Rinconada Library, Palo Alto, CA (8/21/15)

ACM distinguished lecture: “Google Innovation: Culture and Practice (A view from inside the Googleplex)” ACM Chapter, Sacramento, CA (8/6/15)

“Learning to read online” Cognitive Science Society annual conference, Pasadena, CA (7/23/15)

“Future of libraries” American Libraries Association (ALA), 500 people attend; SRO. San Francisco, CA (6/29/15)

- “Moonshot Makers – attempts and failures“ Palo Alto High School Design, at Rinconada library, Palo Alto, CA (6/16/15)
- “The Future of Asking and Answering Questions” Library of Congress invited lecture for National Digital Scholarship Research fellowship program. (6/10/15)
- “10 things to know about research with Google” International Trade Administration, Washington DC. (6/8/15)
- “How to become an instant expert: Search tips and strategies for researchers” Investigative Reporters and Editors Conference, 2015, San Francisco, CA (6/6/15)
- “What does it mean to be literate in the Age of Google?” invited talk for the Design Lecture series. UCSD, Cognitive Science Department, San Diego, CA (5/6/15)
- “What-is-literacy- in the Age of Google?” Alameda Public Library – librarians: Alameda, CA (3/30/15)
- “Getting more out of your Google searching: 10 weird tactics you won't believe” LLOPS (Law Librarians of Puget Sound), Seattle, WA (3/13/15)
- “What DO you really need to know? Learning and knowing in the Age of the Internet” Xerox PARC CSL lecture series (3/10/15)
- ACM distinguished lecture:** “What does it mean to be literate in the age of Google?” UCLA Computer Science Dept. (2/23/15)
- keynote:** “What DO you really need to know? Learning and knowing in the Age of the Internet” GAFE Summit, Roseville, CA (2/7/15)
- “150K+ online students at a time: How to understand what’s happening in online learning” PARC Brown Bag lecture series. (2/3/15)
- “The Future of Learning” Federal Fluminense University (UFF), Rio de Janeiro invited lecture (12/5/14)
- “The Future of students” FIA Event at the Barrie School, Silver Spring, Maryland (12/5/14)
- “The Future of Learning: How will people learn the skills they need for academe, work, and life?” Univ of North Carolina, Chapel Hill. “Envisioning the Digital University” event. (11/21/14)
- “The Future of Learning: How will people learn the skills they need for academe, work, and life?” NJEdge Conference, Plainsboro, NJ. (11/19/14)
- “MindTools: What does it mean to be literate in the Age of Google?” York College, York, PA. (11/14/14)
- “Advanced Search Skills for Journalists” CBS World Center (for “48 Hours” team) (11/13/14)
- “What does it mean to be literate in the age of Google” Dept. of Computer Science, University of Aberdeen, Aberdeen, Scotland (10/23/14)
- “150K+ students per class” Robert Gordon University and the British Computer Society, Aberdeen, Scotland (10/23/14)
- Strathclyde distinguished lecture:** “Understanding Mindtools: Literacy in the age of Google” Science Faculty Annual Lecture at U. Strathclyde, Glasgow, Scotland (10/22/14)
- “Understanding Mindtools: Literacy in the age of Google” University of Edinburgh, CS, Library Science, and Education departments, Edinburgh, Scotland (10/21/14)
- “Advanced Google Search Method: Search tips & strategies for researchers” Manitoba Bar Association, Manitoba, Canada (9/22/14)
- keynote:** “The Future of Learning: How will people learn the skills they need for academe, work, and life” GAFE Conference, Palo Alto, CA (7/20/14)
- “10 more things you should know about searching with Google: Search tips & strategies for researchers” Investigathon Conference, London, UK. (7/14/14)
- “Understanding user behavior at three scales: The AGoogleADay story” UCL CS Department (7/8/14)
- keynote:** “150K+ students: How we know what we know about MOOCs” Educational Data Modeling Conference, London. (~250 attendees) (7/7/14)
- “10 more things you should know about Google” IRE Conference 2014, San Francisco. (~250 attendees; SRO) (6/27/14)
- “How people search: What they get right, what they get wrong” CS Dept colloquium, Rutgers University (4/25/14)

- “What does it mean to be literate in the Age of Google” Stevens Institute, NJ (4/25/14)
- “Twenty-first Century Search Techniques” Baruch College, Journalism department (4/24/14)
- “Googlese” Linguistics 440 class, UC Merced, Merced, CA (4/17/14)
- “Big Data: Data analysis needs tools that are usable and understandable” Future of Information Alliance meeting, UK/US collaboration on Big Data. U. Maryland, College Park, MD (3/28/14)
- “How AGoogleADay teaches search skills” Gamification Workshop, McKeldin Library, College Park, MD (3/26/14)
- “What does it mean to be Literate in the Age of Google?” University of Maryland Librarians Meeting, McKeldin Library, College Park, MD (3/26/14)
- “What does it mean to be Literate in the Age of Google?” National Geographic Society Invited Lecture, Grosvenor Hall, Washington, DC (3/25/14)
- “Diving into Google: Advanced Search Methods” to National Geographic Research Division. (3/25/14)
<http://youtu.be/dnZiT07M8jg>
- Distinguished lecture:** “Mindtools: The evolution of literacy” ACM Distinguished Lecture, Duke University, Durham, NC (3/6/14)
- Distinguished lecture:** “Digging in with Google: Advanced Search Techniques for Journalism” ACM Distinguished Lecture, Elon University, Elon, NC (3/6/14)
- Distinguished lecture:** “Mindtools: The evolution of literacy” ACM Distinguished Lecture, University of North Carolina, Chapel Hill, NC (3/5/14) <http://vimeo.com/89737037>
- Distinguished lecture:** “Mindtools: The evolution of literacy” ACM Distinguished Lecture, Drexel University, Philadelphia, PA (2/28/14)
- Distinguished lecture:** “So You Think You Can Search? How People Actually Search & Some Really Advanced Google Search Tips for Engineers” ACM Distinguished Lecture, University of Scranton, PA (2/27/14)
- “The Future of Asking and Answering Questions” TEDx talk, Palo Alto High School (2/24/14)
<https://www.youtube.com/watch?v=ZaRYiu1HNck>
- “Mindtools: The evolution of literacy in the Age of Google” i-School seminar, University of California, Berkeley (2/21/14)
- keynote:** “Powerful literacies: Why vast knowledge still matters” Roseville EdTech Summit, Roseville, CA (2/8/14)
- keynote:** “Powerful literacies: Why vast knowledge still matters” Napa Valley EdTech Summit, Napa, CA (1/9/14)
- “Future of the Past” Newseum, Washington DC (12/5/13)
- “10 things you should know about Google search” Kiwanis Club of Palo Alto, Palo Alto, CA (11/21/13)
- “What does it mean to be literate in the Age of Google?” Special Libraries Association, Silicon Valley chapter meeting, Menlo Park, CA (11/18/13)
- “Understanding User Behavior at Three Scales: The PowerSearchingwithGoogle.com story” Northumbria University, Newcastle, UK (11/12/13)
- Distinguished lecture:** “Teaching 150K+ students: The PSWG story” University of Edinburgh, Informatics department, University-wide colloquium, Edinburgh, Scotland, UK (11/11/13)
- keynote:** “What does it mean to be literate in the Age of Google?” Google European Library Summit (Rome, Italy) (11/7/13)
- keynote:** “What does it mean to be literate in the Age of Google”, ACTEM Conference, Augusta, ME (10/11/13)
- “My 10 favorite search challenges”, ACTEM Conference, Augusta, ME (10/11/13)
- “Web content credibility workshop”, ACTEM Conference, Augusta, ME (10/10/13)
- “150K+ students per class: MOOCs, students, & learning” Learning Analytics group seminar, U. Michigan, Ann Arbor, MI (10/4/13)
- “Mindtools: The evolution of literacy” MISC group – Education school colloquium, U. Michigan, Ann Arbor, MI (10/4/13)

keynote: “The Evolution of Literacy” University of California Computing Services Conference, Irvine, CA (8/5/13)

“Google’s Role in Education” Maine Google Apps Certified Teachers workshop, Augusta, ME (7/29/13)

keynote: “Mindtools: What does it mean to be literate in the Age of Google?” Redwood City, GAFE Summit (7/13/13)

“Digging in with Google” Investigative Reporters & Editors conference, invited tutorial, San Antonio, TX (6/22/13)

“Teaching 100K+ students: The promise of MOOCs” at South Carolina Midlands Teaching Summit, Charleston, SC (6/13/13)

“Teaching 150K students at a time” – On-Line Teaching Initiative on Economics of Governance and Institutions. University Paris-Dauphine & ESNIE. (Held in Corsica, France) (5/20/13)

keynote talk “Understanding user behavior at three scales” ICSE conference (Games track) San Francisco, CA (5/18/13)

“Big Data: What is it? What does it mean to me?” live streamed on web. U. Maryland Future of Information Alliance event, Annapolis, MD (5/8/13)

keynote: “Teaching 100K students at a time: MOOCs, students, and learning” AIMS Conference, St. Michael’s MD. (5/5/13)

“What does it mean to be literate now?” College Preparatory School, Oakland, CA (3/19/13)

“Teaching 150K+ students at a time: The PowerSearchingWithGoogle.com story” UC Berkeley iSchool seminar (50 attendees) <http://www.ischool.berkeley.edu/newsandevents/events/20130515danrussell> (3/19/13)

“Power searching for business journalists” Arizona State University, Business journalism class Available as: <http://www.youtube.com/watch?v=YhXQ7QmEbtY> (3/19/13)

“At least 10 things you should know about using Google for research” Forensic Expert Witness Association meeting, San Francisco, CA (3/13/13)

“Impossible searches, Instantaneous results” MGMT 126/CSE 126 class, UC Merced (2/20/13)

“Teaching Search Skills to Researchers” National Geographic Library (Washington DC) (2/7/13)

“Understanding credibility in searchers” Library of Congress (Washington DC) (2/7/13)

“Search Tips & Strategies for Researchers” NIH, Bethesda, MD videocast.nih.gov/summary.asp?Live=12437&bhcp=1 (2/6/13)

“Crowdsourcing for knowledge elicitation” with Ben Bederson at FIA, U. Maryland (see: <http://www.fia.umd.edu/events/crowdsourcing/>) (2/4/13)

“Mindtools: What it means to be literate now..” Google Apps for Education Summit, Honolulu, HI (1/8/13)

“Mindtools: What it means to be literate now...” Creative Commons board, San Francisco, CA (12/7/12)

“What does it mean to be literate in the Age of Google?” Northwestern University, Chicago, IL, Sociology Department Colloquium (11/15/12)

“Maximizing your Google-Fu: Ways to use Google search to find the impossible” National Geographic Society meeting, Washington, DC. (at National Geographic HQ) (11/13/12)

“Transforming Education: MOOC Space panelist on the Future of Information Alliance event held at Newseum, Washington, DC (11/12/12)

keynote talk “Literacy in the Age of Google”. GAFE Conference, Burlington, MA (11/4/12)

“What does it mean to be literate in the Age of Google?” Cognitive Science department colloquium, U. Colorado, Boulder. (10/12/12)

“What does it mean to be literate in the Age of Google?” Informatics department seminar, UC Irvine, Irvine, CA (10/19/12)

“Designing large online classes with MOOCs,” Festschrift for Dan Atkins, U. Michigan (10/8/12)

“Overview of MOOCs at Google” MOOC Symposium, HICSS, Maui, HI (1/7/13)

“What does it mean to be literate?” CASBS, Stanford University (9/19/12)

“Teaching Search in MOOCs,” panelist at New York Times Schools for Tomorrow symposium, NYC (9/13/12)

- keynote talk** “What does it mean to be literate in the age of Google? keynote talk at IiX 2012, Nijmegen, NL (8/24/12)
- keynote talk** “What does it mean to be literate in the age of Google?”, keynote talk at Google Apps for Education conference, Santa Clara, CA (7/13/12)
- “Advanced Google search methods for investigative reporting” Investigative Reporters and Editors (IRE) conference, Boston, MA (6/15/12)
- “What does it mean to be literate?” – Linguistics department lecture at UC Merced (4/18/12)
- “The ever-changing cloud experience: Why the UX will be constantly shape-shifting” Colorado State University (4/12/12)
- “Literacy in the Age of Google” National Security Agency tech talk (3/29/12)
- “Literacy in the Age of Google” U. Minn. Lecture, presented at the Nerderly, Minneapolis, MN (3/15/12)
- “Web credibility: Believe it or not?” Workshop on credibility issues, Library staff at University of Maryland, College Park, MD (3/29/12)
- “Teaching research skills” at Library of Congress (3/28/12) – to library staff, Washington DC
- “Sensemaking: Online practices” UC Santa Cruz, Psychology colloquium (3/14/12)
- “What does it mean to be literate in the Age of Google?” Louis M. Vanuxem Lecture, Princeton University (2/28/12) <http://lectures.princeton.edu/2012/daniel-m-russell/>
- “Sensemaking III: What people do NOW to search-for and organize complex information” Stanford, People, Computers & Design Seminar (1/20/12)
- “Web search now and in the future” (keynote) Colorado State University librarians meeting, Boulder, CO (1/12/12) – via videoconf [150]
- “The Future of Information: Thinking about the way it will be... probably...” Future of Information Alliance, Newseum, Washington, DC. (11/15/11) <http://www.youtube.com/watch?v=g6ymCxQtkh4> (5:00 – 21:00)
- “HCI research practices at Google” CS department, U. Maryland, Baltimore County (11/14/11) w/ Mary Czerwinski
- “Adventures at the Interface” Future of Information Alliance (plenary), U. Maryland (11/14/11) <http://www.youtube.com/watch?v=jSE8ReTqWjY&feature=relmfu>
- “Search Literacy: the skills and knowledge needed to be an effective searcher” to CSU Education faculty (65 professors of education + librarians) (11/4/11)
- “Sensemaking 101: pragmatics” BayNet librarian monthly meeting, Mountain View, CA (Nov 3, 2011)
- “What it means to be a good web searcher” U. Washington class on information literacy (Bob Boiko’s class, Oct 13, 2011)
- “Web search skills for journalists” Telegraph newspaper office, London, UK (Sept 30, 2011)
- “What we know about searchers...why there's still plenty of room to improve” Pan-EMEA Tech Talk for Google engineers (Sept 26, 2011)
- “What we know about searchers...why there's still plenty of room to improve” CS Dept. U. Zurich (Sept 26, 2011)
- “The past and future of search” Google Influencers group, Prague, Czech Republic (Sept 22, 2011)
- “Teaching students about web search” Web search basics, for teachers and technology coordinators at ISTE conference (Philadelphia, PA) (June 27, 2011)
- “Ten things you need to know about search” Web search basics, for teachers and technology coordinators at ISTE conference (Philadelphia, PA) (June 27, 2011)
- “Sensemaking as the next level of search skill” ” webinar for teachers and librarians (156 participants) via WebEx (MTV) (June 22, 2011)
- “Search as a literate skill” Science Writers workshop, Mountain View, CA (June 13, 2011)
- keynote talk** “InfoVis deepest secrets: How and why seeing your data reveals inner truths...”, **Keynote talk** at Information Visualization for Industrial Purposes Conference, UC Berkeley, Dai Hall. (May 26, 2011)
- “Advanced search methods for lawyers,” Media Resource Law Conference, Stanford University, Palo Alto, CA (May 20, 2011)

- “Why you can’t step into the same stream twice on web experiments” RepliCHI: on reproducing CHI experiments, CHI 2011 (panel) (May 11, 2011)
- “Teaching search skills is fundamental,” Kids, Technology and Education, CHI 2011 (panel), (May 11, 2011)
- “Stuart Card Festschrift: My work with Stu,” CHI 2011 (panel) (May 10, 2011)
- “Advanced Search for Reference Librarians” tutorial at Maine Academic Librarians Conference (April 15, 2011)
- keynote talk** “How DO people search on the web? (And why do they do such strange things?)” Maine Academic Librarians Conference, Colby College, Waterville, ME (April 15, 2011)
- keynote talk** “The Future of Services” **Keynote address** at Services Research & Innovation Institute, San Jose, CA (April 1, 2011) Video: <http://vimeo.com/22358033>
- “Analytics for real uses” presentation at Services Research & Innovation Institute, San Jose, CA (April 1, 2011)
- “Google Innovation: Culture & Practices” CITRIS seminar, UC Berkeley (March 16, 2011)
<http://www.youtube.com/watch?v=scKEIMYWpcU>
- keynote talk** “The Future of Information: Social, Local, Dense, Personal, Fast & Evolving” “The Future of Information” conference, University of Maryland (Nov 5, 2010)
- keynote talk** “The Future of Search” Ithaka Conference, New York, New York (Sept 28, 2010)
- “Search Expertise” Search Quality Leads, Google (review of studies on how good some searchers can become), (Sep 14, 2010)
- keynote talk** “Why is search sometimes easy and sometimes hard? Understanding serendipity and expertise in the mind of the searcher” HCIR 2010 conference, New Brunswick, NJ (Rutgers) (Aug 22, 2010)
- “Curiosity tools: Critical thinking skills for Middle Schoolers” Jane Lathrop Stanford Middle School, Palo Alto, CA (May 19, 2010)
- “How to teach web search (Train the Trainer)” Google, Hyderabad, India (May 5, 2010)
- “How to search” talk / interview: NDTV (India web TV program on “How to search”) (May 5, 2010)
- “Basic web search for engineers” Google, Bangalore, India (May 5, 2010)
- “Basic web search for engineers” Google, Hyderabad, India (May 4, 2010)
- “Advanced web search for non-engineers” Google, Hyderabad, India (May 4, 2010)
- “Basic web search for non-engineers” Google, Hyderabad, India (May 3, 2010)
- “Design in the Age of Analytics” Stanford Computer Science Forum, Stanford, CA (Apr 28, 2010)
- “The technology of language in user-experience” Linguistics seminar at UC Merced, Merced, CA (Apr 27, 2010)
- “Basic web search for students” Class for K-12 students at Google (April 22, 2010)
- “Basic web search for students” Class for School Administrators, Santa Clara County Department of Education (April 22, 2010)
- “Basic web search for students” Class for K-12 teacher at Google Santa Clara County Department of Education (April 22, 2010)
- “So you think you can search? Advanced search for Googlers” Internal Google TechTalk (March 26, 2010) ●
- “Basic Web Search for Teachers” RAFT, San Jose, CA (March 11, 2010)
- “The mind of the researcher” **Keynote** address at Alaska Librarians Annual meeting (AKLA), Anchorage, AK (March 5, 2010)
- “Tutorial on logs analysis for HCI” with Robin Jeffries, Susan Dumain, Jaime Teevan. Human Computer Interaction Consortium (HCIC), Snow Mountain Ranch, CO (Feb 25, 2010)
- “Advanced Search for Teachers” RAFT, San Jose, CA (Feb 18, 2010)
- “Happy Accidents: The effect of ICS over 30 years” at UCI 40th ICS Anniversary Meeting, (Jan 22, 2010)
- “How Google Searchers Search” Invited lecture, U Texas, Arlington (Nov 19, 2009)
- “Infinite scholarship: Learning to search through a very large corpus” Thesaurus Linguae Graecae Symposium, UC Irvine, Irvine, CA (Oct 30, 2009)

“The Top 12 Things Librarians Need to Know about Internet Search” to Bay Area Independent School Librarians, San Jose, CA (Oct 14, 2009)

“Finding what you seek: How Google users think about search (... and how they actually search)” invited lecture, UC Merced Cognitive Science Glushko/Samuels series (Oct 12, 2009)

“How do good searchers get to be that way?” I/O psychology class, Santa Clara University (Sep 29, 2009)

“Advanced Search Methods for Reference Librarianship” Oakland Public Library, Oakland, CA (Sept 11, 2009)

“Seeing the invisible, Thinking the impossible, Asking the inconceivable” at UC Irvine, Langson Library. Invited lecture for librarians group (April 29, 2009)

“Search Practicum” RAFT, San Jose, CA (2/26/09)

“Finding what you seek: How Google users think about search” Distinguished lecture, Center for Innovative Computing, Computer Science Department, Harvard University, Cambridge, MA (February 11, 2009)

“How to Teach Search” Googlers at Boulder Office, Boulder, CO (2/9/09)

“Basic Search for Teachers” Boulder Unified School District, Boulder, CO (2/9/09)

“Large Scale Data Changes the Way we do HCI” Human Computer Interaction Consortium, Boulder Park, CA (February 6, 2009)

“Basic Web Search” Santa Clara Public Library, Santa Clara, CA (February 3, 2008)

“Notes on search expertise questions” Internal Google presentation to Eval Group, Mountain View, CA (February 3, 2009)

“Internet Search Basics” RAFT, San Jose, CA (1/29/09)

“Finding what you seek: How Google users think about search” Distinguished lecture, Departments of Infomatics and Computer Science, U C Irvine, Irvine, CA (January 16, 2009)

“What teachers need to know about search” Tutorial at Google Teachers Academy, (3 hours) (NY, NY) (11/18/08)

“Strategy and tactics for search” Search Skills Seminar (for PAUSD teachers, Gunn HS), Google, Mountain View, CA (November 20, 2008)

“What teachers need to know about search” Tutorial given twice at Google Teachers Academy, NY, NY (11/18/08)

“(Re)searching with Google: Looking for the core of expertise,” UCSF Med School, Lane Library, San Francisco, CA (invited lecture), (November 7, 2008)

“Google Search Basics” Foster City Elementary School (2 classes) (10/31/08)

“Google’s Global Marketing Challenge: A view from the inside” invited panel presentation at ASIS&T conference, Columbus, OH (October 28, 2008)

“Advanced Web Search” Santa Clara Public Library, Santa Clara, CA (October 17, 2008)

“Google collaboration techniques and technologies” MITRE Collaboration Technology Seminar, Westford, MA (via videoconference). (October 15)

“Mental models of searchers: What we learn from field studies” Invited lecture at CONOPS group in Google, Mountain View, CA (October 13, 2008)

“Project Earth: Using Google Earth to create materials for your class” RAFT (2 hour class) (Bay Area Resource for Teachers), San Jose, CA (October 4, 2008)

“Google Earth: The world on your desktop” RAFT (2 hour class) (Bay Area Resource for Teachers), San Jose, CA (October 2, 2008)

“Using Google to search the internet” RAFT 2-hour class, San Jose, CA (September 25, 2008)

“How do we understand our users?” Iowa State University HCI Seminar (videoconference presentation). (September 25, 2008)

“Become a super internet searcher: Learn by playing the search game!” Two-hour tutorial at the Museum of American Heritage, Palo Alto, CA (September 21, 2008)

“Strategy and tactics for search” Search Skills Seminar (for PAUSD teachers), Google, Mountain View, CA (September 10, 2008)

“(Re)searching on the internet” Oakland Public Library, Oakland, CA (August 15, 2008)

“Seek and ye shall find: Effective searching on the internet” SHARE Conference, San Jose, CA (August 11, 2008)

“Introduction to Web Search” Santa Clara Public Library, Santa Clara, CA (August 8, 2008)

“Mental models of search” ROXI Team at Google, Mountain View, CA (August 7, 2008)

“Insights from field studies” SQ Leads, Google, Mountain View, CA (July 29, 2008) •

“Google Docs & Spreadsheets Tutorial” RAFT (2 hour class) (Bay Area Resource for Teachers), San Jose, CA (July 26, 2008)

“Google Earth Tutorial” RAFT (2 hour class) (Bay Area Resource for Teachers), San Jose, CA (July 24, 2008)

“(Re)searching with Google” Special colloquium at Saratoga Public Library, Librarians of Santa Clara County Meeting, Saratoga, CA (June 12, 2008)

“Micro, Meso and Macro: Three Scales of User Behavior Analysis” Guest lecture at Informatics 105 (“Context of Informatics”), UC Irvine, Irvine, CA (May 23, 2008)

“How good Google searchers get to be that way” Computer Science Department Colloquium, UC Irvine, Irvine, CA (May 23, 2008)

“Mental models and the search for metrics” Admetrics, Google internal talk (May 12, 2008) •

“How users need help in search” Search-Related UI Meeting, Google internal talk (May 6, 2008) •

“How Good Google Searchers Get to be that way” Computer Science Department Colloquium, UC Irvine, Irvine, CA (May 23, 2008)

“Dashboards, Analytics & Metrics” UX Brown Bag meeting at Google, Mountain View, CA (May 21, 2008)

“The ten things you need to know about search” Palo Alto High School, Palo Alto, CA (May 20, 2008)

“Introduction to Web Search” Santa Clara Public Library, Santa Clara, CA (May 5, 2008)

“CHI Overview” User Happiness Meeting (April 29, 2008) •

“Advanced Logs Analysis Tools for UX” Google UX Skills Seminar, Mountain View, CA (April 29, 2008)

“Advanced Search for Medical Professionals” UCSF Fishbon Memorial Medical School Library, San Francisco, CA (April 24, 2008)

“(Re)Search With Google” NASA Ames Research Center Invited Seminar, Mountain View, CA (April 16, 2008)

“Introduction to Web Search” (2 hour class) Santa Clara Public Library, Santa Clara, CA (April 5, 2008)

“Misconceptions about search” PMetrics team, Google, Mountain View, CA (March 7, 2008) •

“Advanced SketchUp: Methods and Techniques” RAFT (4 hour class) (Bay Area Resource for Teachers), San Jose, CA (Feb 23, 2008)

“Sketchup for Teaching” RAFT (4 hour class) (Bay Area Resource for Teachers), San Jose, CA (Feb 9, 2008)

“Search Practicum” RAFT (2 hour class), San Jose, CA (Feb 7, 2008)

“Self-labeled task behavior data” PMetrics team, Google, Mountain View, CA (Jan 25, 2008) •

“How good Google searchers get to be that way” People, Computers and Design Seminar, CS Dept, Stanford, CA (Jan 18, 2008)

“Searching for the mind of the searcher,” Noogler and the PDB, Google internal training (Oct 18, 2007)

“Anthropology of interviewing” (w/ Michael Margolis), Google internal training for UX (Oct 16, 2007) •

“Internet Search Skills” RAFT (Bay Area Resource for Teachers), San Jose, CA (Oct 11, 2007)

“Internet Search Skills” Museum of American Heritage (MOAH), Palo Alto, CA (Oct 5, 2007)

“How to do a field study” Google internal training for UX group (Oct 1, 2007) •

“SKETCHUP for Teaching” RAFT (Bay Area Resource for Teachers), San Jose, CA (Sep 29, 2007)

“How does Google understand users?” Universidade Federal Fluminense (UFF), Niteroi, Brazil (CS Department Special Colloquium) (Sept 14, 2007)

”An eyetracking study of how pictures influence online reading” INTERACT 2007, Rio de Janeiro, Brazil (Sept 13, 2007)

“Internet Search Skills” RAFT (Bay Area Resource for Teachers), San Jose, CA (Jun 27, 2007)

- “Models of multitasking: Under what conditions does multitasking fail in human behavior?” FOO Camp, Sebastapol, CA With Kathy Sierra and Linda Stone. (June 23, 2007)
- “Searching for the mind of the searcher: What do users think about?” **Keynote** at the Joint Conference on Digital Libraries, Vancouver, BC, Canada. (June 20, 2007)
- “Collaborative Sensemaking” Opening talk at Collaborative Sensemaking workshop, HCIL Meeting, U. Maryland, College Park. (May 31, 2007)
- “EPCOT Study Report: What do users see about Google ads? “ User Happiness Seminar, Google. (March 1, 2007) •
- “What are web searchers doing? A look at how people search for information, knowledge & insights on Google, and how to improve your own searches” SHARE Conference, Tampa, FL. (February 15, 2007)
- “Internet Search Skills” RAFT (Bay Area Resource for Teachers), San Jose, CA (Jan 25, 2007)
- “Sense and Sensibility: Sensemaking for the Rest of the World” Human Computer Interaction Consortium (HCIC) meeting, Winter Park, CO. (February 4, 2007)
- “What Do People Do When They Use Search Engines? Three Methods To Understand It, And Some Observations” BayCHI Lecture, Palo Alto California. (December 12, 2006)
- “How do Google searchers behave? Improving search by divining intent” Killam Lecture, Dalhousie University, Halifax, Nova Scotia, Canada. (October 4, 2006)
- “Google as a service: What does that mean?” SSME seminar, South Hall, Berkeley, CA (September 28, 2006)
- “How do Google searchers behave? Improving search by divining intent” ACM Chapter invited lecture, Cupertino, CA (September 20, 2006)
- “What Do People Do When They Use Search Engines? Three Methods To Understand It, And Some Observations” UC Berkeley Information Access Seminar, South Hall, Berkeley, CA. (September 15, 2006)
- “It's about the information stupid!": why we need a separate field of human-information interaction. CHI 2006 panel. Montreal, Canada. (April 24, 2006). With William Jones, Peter Pirolli, Stuart Card, Nahum Gershon.
- “How do Google searchers behave? Improving search by divining intent” People, Computers & Design Seminar, Stanford University, Stanford, CA (March 10, 2006)
- “Better Internet Searching: Strategies, Tactics and Tricks” Tutorial at Museum of American Heritage (MOAH), Palo Ato, CA. (May 20, 2006)
- “What are Google users thinking about when they use Google?” National Institutes of Health, Inaugural lecture of *Informatics* lecture series. Given with Gary Marchionini. Rockville, MD. (March 2, 2006)
- “What do Google searchers think when they use Google?” National Cryptological School, Ft. Meade, MD. (Given twice, March 1, 2006)
- “What do Google users think when they use Google?” Computer Science Department Seminar, Georgia Institute of Technology, Atlanta, GA. (January 30, 2006)
- “Large display surfaces for collaboration: The IBM Blueboard experience” Briefing at Intel Executive Briefing Center, Santa Clara, CA. (December 10, 2005)
- “The human side of intelligent agents: How and why agents and people need to get along” Opening **keynote** address, Brazilian Intelligent Agents Conference 2005, Porto Alegre, Brazil. (July 24, 2005)
- “Perception & Magic—Why computers are hard to use, and what to do about it” European Press Tour briefing, IBM Almaden Research Center, San Jose, CA (July 14, 2005) •
- “Making sense of musical content: How musicians come to understand complex scores” USER Seminar, IBM Almaden Research Center, San Jose, CA (July 13, 2005)
- “The future of portable/mobile/ubiquitous computing?” Opening talk, New Paradigms for Using Computers (NPUC) workshop, IBM Almaden Research Center (San Jose, CA) (July 11, 2005)
- “Five rapid design crits: UI tools and techniques in the sensemaking group” USER Seminar, IBM Almaden Research Center, (May 25, 2005)
- “IBM Global Technology Outlook 2005” Briefing to Banco do Brasil , Silicon Valley Briefing Center (May 20 20, 2005) •

- “So, what is sensemaking?” Cognitive Engineering Dept Seminar, Ohio State University, Columbus, OH (April 14, 2005)
- “HCI Aspects of Distillery: Inquiries, Visualizations and Tools” HCI PIC Symposium, IBM TJ Watson Research Center, Hawthorne, NY (April 13, 2005)
- “Searching and understanding the wild web: Current research and near-term future prospects” SHARE Conference, Anaheim, CA (March 3, 2005) •
- “Staying Connected with Technology: Future Visions” SHARE Conference, Anaheim, CA (March 3, 2005) •
- “Technology Futures: IBM’s View of Worldwide Technology Directions, SHARE Conference, Anaheim, CA (Track **Keynote** and part of certification track) (Feb 28, 2005) •
- “On the Road to Understanding Sensemaking” Lotus Research seminar, Cambridge, MA. (Feb 10, 2005)
- “Studying web-reading and use patterns at IBM,” RPI, Troy, NY (CogWorks Lab, Psychology), (Feb 7, 2005)
- “UIST 2004 Overview” USER Seminar, IBM Almaden, San Jose, CA (November 10, 2004)
- “Worksheets as a model of embeddable UI components” NASA Ames Seminar, Mountain View, CA (October 20, 2004)
- “Simplicity is complicated: The human side of complexity in computing” Software Group (SWG) Invited talk to large Working Group Meeting, Rye, NY (October 12, 2004)
- “Quarterly Update: A worksheet-based UI for Distillery” Distillery seminar, Hawthorne, NY (October 12, 2004)
- “IBM Global Technology Outlook 2004” Briefing to Folksam (Sweden), Silicon Valley Briefing Center (September 20, 2004) •
- “Streaming UIs – where the user interface is headed” Distillery seminar, Hawthorne, NY (September 14, 2004)
- “The human side of tiny devices: Designing the experience of ubicomp widget” Portable Power Conference, San Francisco, CA (Sept 12, 2004)
- “Technology futures: Becoming a Futurologist” SHARE Conference (Executive Management track—lecture part of accreditation series), New York, NY (August 18, 2004)
- “What do we do with WAAAY too much information?” Opening talk for New Paradigms in User Computing (NPUC) workshop, IBM Almaden Research Center, San José, CA. (August 4, 2004)
- “Does IBM care about users? Absolutely!” SIRS (Silicon Valley Summer Interns Group), Almaden, CA (July 29, 2004)
- “Sensemaking Overview” CIA visiting team, Almaden, CA (July 1, 2004) •
- “What can you do with 45 petabytes per day? A UI for analyzing very large streaming data” USER Seminar, Almaden, CA (June 30, 2004)
- “Large display technologies for collaboration” Steelcase, Almaden, CA (May 18, 2004) •
- “Research Cultures: What works?” NASA Seminar, Ames Research Center, Mountain View, CA (May 12, 2004)
- “CHI 2004 Review” IBM USER Seminar, Almaden, CA (May 12, 2004)
- “Linux on the Desktop: Results from a user study; plans for next year” IBM Almaden Symposium, Almaden, CA (May 11, 2004)
- “Eyetracking research for on-demand learning” IBM Corporate Learning Office strategy meeting, Armonk, NY (May 4, 2004) •
- “IBM Almaden's User Sciences & Experience Research Lab” with Steve Cousins, CHI 2004, Vienna, Austria (April, 2004)
- “Attention Shock: Living in a world of multiple competing information streams” NSF/EC Workshop, “The Disappearing Computer,” Vienna, Austria (April 24, 2004)
- “IBM Global Technology Outlook” Briefing to Austrian LSZ Technology Consultants, Almaden, CA (April 24, 2004) •
- “Blueboard for collaboration” Boeing Executive Staff, Almaden, CA (March 15, 2004) •
- “Eyetracking for learning” Institute for Advanced Learning, Hawthorne, NY (March 9, 2004)

- “Technological futures” SHARE Conference, Long Beach, CA (February 25, 2004)
- “Innovation, Business, Research and UE at IBM” PARC Whistle Seminar, Palo Alto, CA (February 23, 2004)
- “Overview of USER Research” Smart Technology Seminar, Calgary, AB (February 11, 2004)
- “BlueBoards for Healthcare: Ward of the 21st Century” Customer briefing (Calgary Health Region), Calgary, AB (February 11, 2004) •
- “Global Technology Outlook” Customer briefing (Netherlands High Tech Connections), Silicon Valley Briefing Center, San José, CA (January 13, 2004) •
- “Global Technology Outlook” Customer briefing (BC Ferry), Silicon Valley Briefing Center, San José, CA (January 13, 2004) •
- “Global Technology Outlook – An Approach at Futurism” Customer briefing (McQuorrie Bank), Silicon Valley Briefing Center, San José, CA (December 4, 2003) •
- “Internet collaboration technology: BlueBoard” CEO EMEA Event, Paris, France (November 19, 2003) •
- “Research Technology Outlook: 2003” Customer briefing (Top Netherlands IBM Customers), Almaden Customer Briefing Center, San José, CA (November 4, 2003) •
- “The future isn’t what it used to be” (*Informatica; el futuro ya no es lo que era!*) (in English)
Opening keynote address at 5^o *Congreso Internacional de Sistemas Computacionales*, Guadalajara, Mexico (October 2, 2003)
- “BlueBoard Uses” Customer briefing (Schwab), at IBM Almaden, San José, CA (October 23, 2003) •
- “Designing the user experience: What it means for people, companies and technology” Almaden Invited Speaker Series at IBM Almaden Research Center, San José, CA (September 23, 2003)
- “Understanding technology & people: The hidden links between perception, psychology and our technology future” A series of 12 presentations at *Innoventions*, EPCOT at Disney World (for IBM Marketing Group), Orlando, FL (September 16 – 17, 2003)
- “BlueBoard Uses” Customer briefing (Nextel), at IBM Almaden, San José, CA (September 11, 2003) •
- “Global Technology Outlook: 2003” Customer briefing (Virgin Wireless), at Silicon Valley Labs Briefing Center, San José, CA (September 10, 2003) •
- “HCI patents: Writing and understanding the patent space” IBM Personal Computer Division, Raleigh, NC (September 5, 2003).
- “Global Technology Outlook: 2003” Customer briefing (Samsung), at Silicon Valley Labs Briefing Center, San José, CA (August 26, 2003) •
- “What do we really know about users?” Opening talk for New Paradigms in User Computing (NPUC) workshop, IBM Almaden Research Center, San José, CA. (July 14, 2004)
- “Ubiquitous usability” **Closing keynote** address (with Paul Dourish), at Usability Professional Association conference, Phoenix, AZ (June 27, 2003)
- “USER Group Overview” Visiting group from U. Washington, San José, CA (June 23, 2003)
- “Surprising Visual and Cognitive Aspects of an Information Lifestyle -- From Inattention to Monopixel digital Jewelry” After dinner talk at Society for Information Display (SID 2003) Conference, Los Gatos, CA (June 19, 2003)
- “Autonomic computing: What did we learn?” Discussion lead, IBM Academy Workshop, San José, CA (June 19, 2003)
- “What the user needs to know about autonomic computing” IBM Academy Workshop, San José, CA (June 18, 2003)
- “Blueboard as a tool for e-governments” IBM presentation at IBM CEO conference, Brussels, Belgium (May 20, 2003) •
- “New user experience ideas for ThinkPads: 2003” Internal IBM presentation, Almaden, San José, CA (May 15, 2003)
- “New user experience ideas for ThinkPads: 2003” Internal IBM presentation, Almaden, San José, CA (May 13, 2003)

- “Overview of Computer Science & Service Research at Almaden” Internal IBM presentation, Almaden, San José, CA (April 25, 2003)
- “BlueBoard as a collaboration tool” Pixar seminar, Emeryville, CA. (April 18, 2003) •
- “Human aspects of services in a pervasive computing world” IBM/Berkeley Day Seminar, UC Berkeley CS Department, Berkeley, CA. (April 3, 2003)
- “Everything I know about HCI at Almaden” HCI PCI Seminar, IBM T. J. Watson Lab, Hawthorne, NY. (April 1, 2003)
- “Moving from HCI to UCD: a perspective from practice” Customer briefing, John Deere, IBM Almaden Lab, San José, CA. (March 14, 2003) •
- “BlueBoard as a collaboration workplace” Customer briefing, John Deere, IBM Almaden Lab, San José, CA. (March 15, 2003) •
- “IBM’s Technology Outlook: 2003” Customer briefing, IDUG (International DB2 Users Group), Silicon Valley Lab, San José, CA. (March 3, 2003) •
- “Ubiquitous Computing User Experience” UC Irvine (Ubiquitous Computing Seminar), Irvine, CA (February 27, 2003)
- “The Future of Interfaces” SHARE Conference, Plano, TX (February 24, 2004)
- “Designing the experience of the gestalt” UC San Diego (Distributed Cognition Seminar), La Jolla, CA (February 28, 2003)
- “IBM ThinkPad Product Differentiation in 2003/2004” IBM Tokyo Research Lab, Tokyo, Japan (January 28, 2003)
- “Future directions in laptop user experience” IBM Tokyo Research Lab, Tokyo, Japan (January 28, 2003)
- “Learning to see: Seeing to learn” **Keynote**, Human Vision and Electronic Imaging Conference (SPIE), Santa Clara, CA (January 20, 2003)
- “Social aspects of large interactive display surfaces” Workshop on Public, Community and Shared Displays, CSCW 2002, New Orleans, LA (November 17, 2002)
- “Social aspects of large interactive display surfaces” Workshop on Large Interactive Displays, UBICOMP 2002, Goteborg, Sweden (October 1, 2002)
- “How User Experience Affects Lowest Levels of Design” STI Group, IBM, Austin, TX. (September 20, 2002)
- “Staying connected: New interaction techniques for new devices” SHARE Conference, San Francisco, CA. (August 22, 2002)
- “Interfaces and the Culture of Research Institutions” SAP Labs, Palo Alto, CA. (August 21, 2002)
- “Extreme User Interfaces” Opening talk for New Paradigms in User Computing (NPUC) workshop, IBM Almaden Research Center, San José, CA. (July 29, 2002)
- “IBM’s Technology Outlook: 2002” Customer briefing, Samsung, Silicon Valley Lab, San José, CA. (July 5, 2002) •
- “BlueBoard for largescale knowledge work” IBM CEO Conference, Hawthorne, NY. (June 17, 2002) •
- “Adventures at the Interface: User Experience Technology, Techniques, Transfer & Futures” Xerox PARC Forum, Palo Alto, CA. (June 13, 2002)
- “The future of human-computer interaction” IBM PC Club Meeting, San José, CA. (June 11, 2002)
- “Two paths from the same place: Task driven and human-centered evolution of a group information surface” Make IT Easy Conference 2002 (with Jay Trimble & Roxana Wales), San José, CA. (June 3, 2002)
- “Impact of human-side technology on future aerospace vehicles” NASA Conference – Turning Goals into Reality (TGIR), Santa Clara, CA. (American Institute of Aeronautics and Astronautics) (May 22, 2002)
- “BlueBoards for collaboration” Demonstration at IBM Shareholders Meeting, Louisville, KY. (April 30, 2002)•
- “Design | Research: The role of design in research, and vice-versa” AIGA Forum, CHI 2002, Minneapolis, MN. (April 21, 2002)

- “Making sense of business intelligence and knowledge management” Opening talk at *UE of BI/KM* symposium, Almaden, San José, CA. (March 18, 2002)
- “User experience and Personal Systems Strategy” Personal Systems Strategy Meeting, Armonk, NY. (March 15, 2002)
- “Staying connected: New interaction techniques for new devices” SHARE Conference, Nashville, TN. (March 7, 2002)
- “How people will interact with computers” Explorer Boy Scout Conference, Almaden, San José, CA. (March 2, 2002)
- “Human interaction paradigms: New methods of interaction and understanding” University of San Francisco, Computer Science Department Seminar (February 21, 2002)
- “BlueBoards for collaboration” IBM CEO Conference, London, UK (February 14, 2002)
- “BlueBoards in Use: Large Public Displays for Collaboration” People, Computer & Design Seminar, Stanford University, Palo Alto, CA. (Sept 28, 2001)
- “New horizons in user experience design: the gestalt of ubiquitous computing” Closing **keynote** at EuroMicro 2001, IEEE Conference on Software Engineering & Systems, Warsaw, Poland (September 6, 2001)
- “GTO and technology futures” Presentation to Canadian Software Executives Group (e-business in action briefing), Silicon Valley Lab, San José, CA (August 29, 2001)
- “Designing the user experience of the autonomous learner” Closing **keynote** at Symposium on the Autonomous Learner, Ohio State University, Columbus, OH (August 18, 2001)
- “What can the HCI world learn from computer games?” Opening talk for New Paradigms in User Computing (NPUC) workshop, IBM Almaden Research Center, San José, CA. (July 30, 2001)
- “10 Lessons Learned: Applying e-games to application development” Closing talk for New Paradigms in User Computing (NPUC) workshop, IBM Almaden Research Center, San José, CA. (July 30, 2001)
- “Large scale collaboration tools for work teams: BlueBoard” Seminar at NASA-Ames Human-Centered Computing Branch. Mountain View, CA. (July 19, 2001)
- “An overview of user research at Almaden” 2001 Summer Technical Series, Almaden, San José, CA. (June 18, 2001)
- “BlueBoard: a large information appliance” Demonstration at Make IT Easy Conference. San José, CA. (June 7, 2001)
- “ARC & USER Lab Overview” Presentation to visiting IT group from Prudential Insurance. San José, CA. (May 22, 2001)
- “BlueBoard: a large information appliance” Presentation to IBM Internal Audit Team (from Somers), San José, CA. (May 17, 2001)
- “IBM Almaden Research Center Overview” Presentation to France Telecom. San José, CA. (May 15, 2001)
- “BlueBoard: large information appliance” Presentation to IBM Printing Group, San José, CA (May 15, 2001)
- “USER Lab Overview” Presentation to visiting group from Brother Industries (Japan). San José, CA. (May 12, 2001)
- “Global Technology Outlook 2000” Presentation to GZD (Genossenschafts-Rechenzentrale Norddeutschland GmbH; German financial services group), Silicon Valley Lab, San José, CA (May 4, 2001)
- “The future of technology – Making predictions, patterns of adoption and common sense” 2 tutorials, zSeries eServer Technical Conference, Prague, Czech Republic (April 23 & 24, 2001)
- “Pervasive projects at IBM’s Almaden Research Center” Presentation to IBM working group from China, Almaden, CA. (April 20, 2001)
- “Welcome to my living room, 2010: The future of technology in the home” to Digital Media Community, remote to Amsterdam, Netherlands. (April 11, 2001)
- “Usability: What it means, how it’s practiced” Briefing for Jon Judge, IBM GM of PCD, San José, CA. (March 30, 2001)

- “Designing experiences in the 21st century: The role of design” ISQED Conference, San José, CA. (March 28, 2001)
- “BlueBoard” IBM CEO’s Conference Europe, Paris, France. (Presentation to 24 EMEA CEOs) (March 27, 2001)
- “The future of user interfaces” Presentation to Gartner Group, Almaden, San José, CA (February 22, 2001)
- “USER Lab Overview” Presentation to Japanese PWS Group, Almaden, San José, CA (February 13, 2001)
- “USER Lab Overview” Presentation to Asia Pacific Press Tour Group, Almaden, San José, CA (December 1, 2000)
- “USER Lab Overview” Presentation to Walter Bender, Director of MIT Media Lab, Almaden, San José, CA (November 30, 2000)
- ”HCI Work at IBM” Presentation to Customer Solutions User-Centered Design group. (remote to Raleigh, NC) (Nov 1, 2000)
- “Future: An overview of technology predictive methods” Presentation to Swiss BP group, Homestead, San José, CA. (October 27, 2000)
- “Interfaces to the gestalt: Issues and solutions in designing the UE of pervasive computing” User Interface seminar series, UC Berkeley, Berkeley, CA. (October 10, 2000)
- “Intermediaries and attentive environments as educational adjunct tools” Presentation to National Academy Science Board on Education of Technology. IBM Yorktown, NY (August 25, 2000)
- “The User Experience of Pervasive Computing” Opening talk for New Paradigms in User Computing (NPU) workshop, IBM Almaden Research Center, San José, CA. (July 27, 2000)
- “IBM Research Overview” Presentation to Legend (Chinese computer maker) IBM ARC (July 11, 2000)
- “Interfaces to the gestalt: Issues and solutions in designing the UE of pervasive computing” Bay Area CHI meeting, Palo Alto, CA. (July 10, 2000)
- “IBM Research Overview” Presentation to Fiducia (German banking services firm) IBM ARC (July 11, 2000)
- “Concept computers” IBM TJ Watson Research Center (Yorktown Heights), Making it Simple, (May 15, 2000)
- “WBI as a tool for web research” Xerox PARC UI Seminar, Palo Alto, CA. (March 13, 2000)
- “Video summarization” IBM Almaden Research Center, San Jose, CA. (November 15, 1999)
- “The e-book challenge: Will they succeed in the marketplace?” MobiCom 1999, moderator of panel, Seattle, WA. (August 17, 1999)
- “The many interfaces of ubiquitous computing” IBM Almaden Research Center, San José, CA. (July 7, 1999)
- “The many interfaces of ubiquitous computing” TOPEC Conference on Advanced Vehicle Design, San Diego, CA. (June 21, 1999)
- “The future of ubiquitous computing: User interfaces are the critical path” Müncher Kreis, Munich, Germany. (June 17, 1999)
- “Ubi UI: Designing user interfaces for ubiquitous computing” GMD-IPSI, Darmstadt, Germany. (June 15, 1999)
- “Madcap: A multiple media reading system” Xerox Business Systems, management meeting. (June 10, 1999)
- “Madcap: Multiple genre document reading” Young Presidents Forum, Palo Alto, CA. (May 24, 1999)
- “State of the art of knowledge management” Presentation to Sensemaking seminar, Xerox PARC, Palo Alto, CA. (April 6 and 8th, 1999)
- “Madcap: Multiple genre document reading” (with members of UER team) Xerox PARC Forum, Palo Alto, CA. (March 25, 1999)
- “A long, hot summary: New techniques for video summarization” SPL Lab talk, Xerox PARC, Palo Alto, CA. (Feb 9, 1999).
- “A long, hot summary: New techniques for video summarization” ISTL Whistle talk, Xerox PARC, Palo Alto, CA. (Jan 26, 1999).

- “The present and future of user experience research” Workshop presentation to Los Angeles Chapter of SIG-Media. (Jan 24, 1999).
- “From the frying pan into the fire: 10 months of design work for an e-book startup” Xerox PARC, ISTL Lab talk (Oct 13, 1998).
- “From the frying pan into the fire: 10 months of design work for an e-book startup” Xerox PARC, Digital Reading and Writing Seminar (Oct 21, 1998).
- “Hypermedia in Education: From Design to the Classroom” Full-day tutorial at Hypertext '98 Conference, Pittsburgh, PA (June 21, 1998).
- “User-centered design practice in research” Darmstadt, Germany, GMD-IPSI, (Dec 18, 1997)
- “Knowledge Management Technology Lab Overview” Darmstadt, Germany, GMD-IPSI, (Dec 11, 1997)
- “Schema-based Learning Theory” Netscape Communications Education Group meeting, Mountain View, CA (Oct 10, 1997)
- “Knowledge Management Technology Lab Overview” Cupertino, CA (Sept 5, 1997)
- “Advanced Interaction Techniques: Apple's UE Focus” International Interactive Communications Society, Los Angeles. Santa Monica, CA (July 23, 1997)
- “Apple Research: Futures directions” New Zealand University, Cupertino, CA. (July 2, 1997)
- “Knowledge Management Technologies & User Experience: Insights, results and methods” Xerox PARC TechTalk, Palo Alto, CA (May 21, 1997)
- “The Apple research programme” to KMPG Peat Marwick, Cupertino, CA (May 1, 1997)
- “Sensemaking on the WWW: Observations, Insights & Results” People, Computers & Design Seminar series, Stanford University, Stanford, CA, (Mar 14, 1997)
- “Technology and communication” Seminar at Santa Clara University, (Mar 7, 1997)
- “Apple Research: Futures directions” NYU CIS executives, Cupertino, CA. (Feb 13, 1997)
- “Advanced techniques for WWW use: Initial results of studies into how people use the web for work” Interface Forum, Apple Computer (Feb 6, 1997)
- “Apple Research: Futures directions” Apple Partners University, Cupertino, CA. (Nov 15, 1996)
- “User Experience Research Review” Apple Town Hall, Cupertino, CA (Nov 11, 1996)
- “Apple Research: Futures, telecommunication & directions” closing **keynote** address at Telecon XVI, Anaheim, CA. (Oct 31, 1996)
- “AI in the OS: Prospects for AI in the heart of the machine” **keynote** talk at Iberamia '96 Puebla, Mexico. (Oct 30, 1996)
- “Overview of User Experience Research at Apple” to Silicon Valley Tours (Netherlands group), Cupertino, CA. (Oct 9, 1996)
- “How is music notation like the Mac Desktop? Making representations in computational life” Interface Forum, Cupertino, CA (May 2, 1996)
- “Sensemaking with the tools at hand: A natural history of external representations” Presentation to the Knowledge Systems Laboratory staff, Cupertino, CA. (March 26, 1996)
- “Hypermedia and Education: From design to the classroom” (With G. Landow) Full-day tutorial at Hypertext 96, Washington, DC. (March 16, 1996).
- “Sensemaking with the tools at hand: A natural history of external representations” Human Computer Interaction Consortium (HCIC), Winter Park, CO (Feb 15, 1996)
- “Representing action” Knowledge Representation Seminar, Apple Computer (Feb 1, 1996)
- “Apple User Experience Strategy” presentation to Apple Product Strategy Council, Jan 26, 1996 (with D. Norman, A. Henderson, T. Parsey, H. Saddler, D. Rose, R.V. Guha, M. Stein)
- “Using Japheth for intelligent help: Beyond Apple Guide” Instructional Products Group, Apple Computer (Jan 25, 1996)
- “Overview of User Experience Research at Apple” ATG Seminar, Apple Computer, (with V. Bellotti, B. Ward, W. Walker, C. Hill) (Oct 24, 1995)
- “Vademecum: Integrated hardware / software rapid prototyping” Panorama meeting, Apple Computer, Advanced Technology Group (Oct 18, 1995)

- “What it takes to make a multimedia CD-ROM on ethnographic material from Mongolia” Asian Art Museum, San Francisco, CA (Oct 6, 1995)
- “Making sense with multimedia” Computer Science department seminar, UC Berkeley, Berkeley, CA. (Feb 24, 1995)
- “Using knowledge to index multimedia documents” Panelist, ACM Multimedia Conference, San Francisco, CA. (October 19, 1994)
- “Hypermedia and Education: From design to the classroom” (With G. Landow) Full-day tutorial at ECHT ‘94, Edinburgh, Scotland. (September 19, 1994).
- “Hypermedia and Education: From design to the classroom” (With G. Landow) Full-day tutorial at Ed-Media ‘94, Vancouver, British Columbia. (June 27, 1994).
- “From design support to intelligent agents” Univ. Michigan, Ann Arbor, Computer Science Department (May 5, 1994)
- “The glory and the majesty of the Internet: Using global resources for access to less-commonly taught languages and cultures” Ohio State University (May 2, 1994)
- “Sensemaking: What people do to understand their world” Stanford University “People, Computers & Design” series, Stanford, CA (Feb 4, 1994)
- “An intelligence architecture” Intelligent Systems Program, Apple Computer, Cupertino, CA (Dec 14, 1993)
- “A survey of agents: State-of-the-art” Intelligent Systems Program, Apple Computer, Cupertino, CA (November 2, 1993)
- “The role of structure in hypermedia systems” Technical briefing at Hypertext ‘93, Seattle, WA. (November 16, 1993).
- “Hypermedia and Education: From design to the classroom” (With G. Landow) Full-day tutorial at Hypertext ‘93, Seattle, WA. (November 14, 1993).
- “See the Document: Seeing the Business” Presentation to Len Vickers and staff (with M. Stefik and M. Casey) Xerox PARC, Palo Alto, CA (June 24, 1993)
- “The Impact of Multimedia” to Laura DeYoung, Windrose Consulting, Palo Alto, CA (June 9, 1993)
- “Portable Document Readers & DocuCards: An opportunity for Xerox” CSL Dealer (with M. Stefik and R. Want) Xerox PARC, Palo Alto, CA (May 12, 1993)
- “The Cost Structure of Sensemaking” InterCHI Conference, Amsterdam, Netherlands (April 28, 1993)
- “The Impact of Multimedia” (with Mark Stefik) Xerox Document Symposium, Rochester, NY (April 21, 1993)
- “Making sense of large amounts of information” Knowledge Systems Area, Apple Research, Cupertino, CA. (April 16, 1993)
- “The Cost Structure of Sensemaking” ISTL Whistle Talk, Information Sciences and Technology Lab, Xerox PARC (March 30, 1993)
- “The Changing Nature of Documents: A view from MacWorld” (with Mark Stefik) SPiEL Talk, Scientific Practices Lab, Xerox PARC (March 9, 1993)
- “The Changing Nature of Documents: A view from MacWorld” (with Mark Stefik) to Dan Holtshouse, El Segundo, Xerox PARC (February 26, 1993)
- “The Changing Nature of Documents: A view from MacWorld” (with Mark Stefik) to Roger Levien, Xerox Strategy Board, Xerox PARC (February 19, 1993)
- “The Information Visualizer: a pragmatic use for non-immersive Virtual Reality” SRI International, Menlo Park, CA (February 19, 1993).
- “The Changing Nature of Documents: A view from Macworld” (with Mark Stefik) Xerox PARC lab meetings, Palo Alto, CA (February 10, February 11, February 16, February 24, 1993).
- “Quicktime, Hypercard and Director: Tools for multimedia presentations” IRL Talk (February 17, 1993)
- “Making sense of information: New techniques for locating, structuring, perceiving and using information” Microsoft Research, Redmond, WA (July 7, 1992)
- “Making sense of information: New techniques for locating, structuring, perceiving and using information” American Library Association Conference, San Francisco, CA (June 30, 1992)

- "Introduction to cognitive category theory" User Interface Reading Group, Xerox PARC, Palo Alto, CA (June 11, 1992).
- "Final Report: Designing and developing large hypermedia based for less-commonly taught languages" (with Mary Kim), to Director, National Cryptological School, NSA, Ft. Meade, MD (April 3, 1992)
- "Sensemaking" Short talk to Mark Myers, head of Xerox Corporate Research Group, Palo Alto, CA (December 12, 1991)
- "Semiformal representations to support the analysis of complex and rich domains" NATO Research Group 16 (Human Psychology & Education), Venice, Italy (October 24, 1991)
- "Semiformal Representations for Analysis of Complex Domains" SSL TechTalk, Xerox PARC, Palo Alto, CA (May 12, 1991)
- "AI and Design: Can artificial intelligence support design practice?" Cadence Software, San Jose, CA (Mar 22, 1991)
- "Uses of Computing in the Humanities: Information access, document analysis and knowledge synthesis" Ohio State University, Columbus, OH (February 4, 1991)
- "Hypermedia as an Analytical Representation Toolbench" National Cryptological School, Ft. Meade, MD (February 2, 1991)
- "Using IDE 2.0 for Foreign Language Instruction Design" National Cryptological School, Ft. Meade, MD (February 1, 1991)
- "A Pragmatic Approach to Hyperbase Design" Panel discussion at ECHT '90, Paris, France (November 28, 1990)
- "Hypermedia and Education" Tutorial at the European Conference on Hypertext (ECHT) '90, Paris, France. (November 27, 1990)
- "Supporting Design" Computer, People & Design Seminar, at the Center for Study of Language and Information (CSLI), Stanford University, Palo Alto, CA (November 8, 1990)
- "Access to another culture: Alexandria's multimedia document composition system" NATO Workshop on Foreign Language and Intelligent Tutoring Systems, Washington, D.C. (Sept 19, 1990)
- "Using IDE as a collaborative tool" SSL Techtalk, Xerox Palo Alto Research Center, Palo Alto, CA (Sept 4, 1990)
- "IDE: The Instructional Design Environment Experience" Utah State Second Annual Summer Instructional Technology Institute, Utah State University, Logan, UT (July 27, 1990)
- "Interfaces for constructing knowledge representations" 22nd Congress on Applied Psychology, Kyoto, Japan (July 22, 1990)
- "The IDE Environment: What is it, how it works" Institute for Research on Learning, to educators from Indiana State University and Athabasca University, Canada (May 10, 1990)
- "AI and Hypermedia: The Interaction of Two Leading Edge Technologies" EDGE Xerox System Users Conference, Philadelphia, PA (May 7, 1990)
- "Hypertext Systems: Concepts and Applications" Hypertextsysteme: Konzepte und Anwendungen (Tutorial, in English, for the Deutsche Informatik Akademie), Bonn, West Germany, (April 27, 1990)
- "Alexandria: A Learning Resources Management System" Joint Colloquium: University of Karlsruhe Computer Science Department and Digital Equipment Corporation Computer Engineering Center, Karlsruhe, West Germany, (April 25, 1990)
- "User Interface Issues in Hypertext and Design Systems" Symposium to SEPIA Group, IPSI, GMD, Darmstadt, West Germany, (April 24, 1990)
- "Hypertext and Representation: A Critical Analysis" **Keynote** address, Hypertextsystem Conference, Gesellschaft fur Mathematik und Dataverarbeitung, Darmstadt, West Germany, (April 23, 1990)
- "Hypertext and Representation: A Critical Look" AI Colloquium Series, NASA Ames Research Center, (April 17, 1990)
- "Instructional Design Systems" University of California Technology Panel, Palo Alto, CA (April 5, 1990)
- "Learning, Training and Education: A view from the front lines" Xerox Multinational Training and Documentation Standards Council, Santa Clara, CA (March 27, 1990)

- "IDE 2.0: Making Instruction Design Tools Accessible" Institute for Research on Learning, Palo Alto, CA (Jan 30, 1990)
- "IDE for Education Design and Development" Stanford Teacher Education Program, Curriculum and Instruction Design Class, Stanford, CA (Jan 25, 1990)
- "AI and Hypertext?" SIGLunch Series, Stanford University Computer Science Department, Stanford, CA (Jan 19, 1990)
- "From Theory to Practice: The Future of Information Transfer" Xerox Annual Product Education and Documentation Conference, El Segundo, CA (Nov 1, 1989)
- "Using IDE To Design Complex Instructional Materials" Visitors from Joint Systems Development Group, Tokyo, Japan; at PARC, Palo Alto, CA (Oct 31, 1989)
- "Using IDE To Design Complex Instructional Materials" Computer Science, Foreign Language and Education Departments, Portland State University, OR (October 19, 1989)
- "Using Hypermedia To Design Complex Instructional Materials" Colloquium Series, Texas Instruments, Hypertext Group, Dallas, TX (October 12, 1989)
- "The IDE Experience: What We've Done, What We've Learned" Systems Sciences Lab Tech Talk, Xerox PARC, Palo Alto, CA (September 28, 1989)
- "Beyond Task Analysis: Are Skills and Knowledge All You Really Need?" Xerox Multinational Trainers and Educators Conference, Leesburg, VA (September 21, 1989)
- "Beyond Task Analysis: Are Skills and Knowledge All You Really Need?" Institute for Research on Learning, Palo Alto, CA (September 15, 1989)
- "Alexandria: An Architecture for Learning Resources Management" NATO Hypertext and Education Workshop, Rottenburg, Germany (July, 1989)
- "IDE: Semiformal Representations in Service of Design" Hypertext '89, Invited address, York, UK (June 29, 1989)
- "Representations for the Design of Foreign Language Curriculum" IDE East Asian Languages Workshop Ohio State University, Columbus, OH (June 21, 1989)
- "Building Integrated Hypermedia Systems for Learning" International Conference on Computer-Assisted Learning, Invited lecture, Dallas, TX (May 6, 1989)
- "Integrated Hypermedia Systems for Second Culture Learning" Department of Defense AI Workshop, National Cryptological School, Fort Meade, MD (April 14, 1989)
- "Using IDE for Instructional Design and Job Modeling" Customer Education and Marketing, El Segundo, CA (January 13, 1989)
- "Building Integrated Hypermedia Systems for Learning" Computer Science Department Colloquium University of Washington, Seattle, WA (January 4, 1989)
- "Semiformal Representations, Notecards & IDE" (D. M. Russell, R. R. Burton) presented to Regis McKenna, Debbie Triant, PARC, Palo Alto, CA (November 17, 1988)
- "Issues in Creating Complex Foreign Language Courses" (D. M. Russell, M. L. Swartz, G. Walker), East Asian Languages and Literature Department, Ohio State University, Columbus, OH (November 11, 1988)
- "Hypermedia for Design and Engineering: FAST/FMEA & IDE" presented to Judi Campbell & Mark Maletz, Knowledge-Based Systems Competency Center, Xerox PARC, Palo Alto, CA (October 25, 1988)
- "Old and New Ideas in Learning: From Practice to Metacognition" Invited talk, Xerox Trainers Conference, Xerox Leesburg Training Center, VA (October 7, 1988)
- "Hypertext as an Instructional Medium" (D. M. Russell, H. Haertel) Workshop on Physics Instruction and Artificial Intelligence, Institut für die Paedagogik der Naturwissenschaften (IPN), Kiel, West Germany, (September 26, 1988)
- "Using IDE In Many Domains" (D. M. Russell, H. Haertel) Workshop on Physics Instruction and Artificial Intelligence, Institut für die Paedagogik der Naturwissenschaften (IPN), Kiel, West Germany, (September 27, 1988)
- "IDE Overview" Center for Applied Linguistics, Washington, D.C., (June 1, 1988)

- “IDE Overview” presented to visiting group from Siemens, Xerox PARC (May 23, 1988)
- “Describing and Doing Tutoring: Using Rules to Guide a Planner-based Tutoring System” Computer Science Department, Santa Clara University, Santa Clara, CA (May 5, 1988)
- “Review of IDE: What it does, How it Helps” Xerox MultiNational Training and Documentation Council, Palo Alto, CA (May 4, 1988)
- “A Research Strategy to Understand Tutorial Instructional Behavior” Institute for Research on Learning (IRL), Palo Alto, CA (May 3, 1988)
- “IDE Overview” presented to visiting group from Fuji Xerox, Xerox PARC (April 14, 1988)
- “Intelligent Tutoring and Articulating Theories of Instruction” Invited Talk, American Education Research Association (AERA), New Orleans, LA (April 6, 1988)
- “IDE Overview” presented to David O'Brian, Rank Xerox, Xerox PARC (March 24, 1988)
- “IDE and Notecards” presented to visiting group from KIJIMA Corp., Xerox PARC (March 14, 1988)
- “Intelligent Tutoring and Articulating Theories of Instruction” Computer Science Department, Mills College, Oakland, CA (March 3, 1988)
- “Progress Report on IDE Development” Xerox MultiNational Training and Documentation Council Leesburg, VA (February 25, 1988)
- “IDE and Notecards” (D. M. Russell, R. Trigg) presented to visiting group from Computer Science Dept., Cal State Sacramento, Xerox PARC (January 22, 1988)
- “Semi-Formal Productivity Tools” (R. R. Burton & D. M. Russell) Presentation to Tosh Barron, Bob Benjamin, Xerox PARC (January 19, 1988)
- “IDE and Notecards” (D. M. Russell, R. Trigg) presented to visiting group from Computer Science Dept., Univ. British Columbia, Xerox PARC (January 6, 1988)
- “Semi-Formal Productivity Tools” (R. R. Burton & D. M. Russell) Presentation to Lyndon Haddon and staff Xerox PARC (December 2, 1987)
- “IDE Update” Xerox MultiNational Training and Documentation Council, Stamford, CT (October 29, 1987)
- “Tools for Designing and Developing Instruction” NCC '87, Chicago, IL (June 18, 1987)
- “Using the IDE-Interpreter to Design and Deliver Instruction” AI&ED Conference, University of Pittsburgh, Pittsburgh, PA (May 18, 1987)
- “Reflections on IDE” Customer Service Education, Rank Xerox, Welwyn Garden City, England (April 16, 1987)
- “An Introduction to ICAI (with Examples)” Research and Development Group, Fujitsu Corporation, Madrid, Spain (April 10, 1987)
- “Reflections on IDE” ACM Student Chapter, Facultad Informatica de Universidad Politecnica, Madrid, Spain (April 9, 1987)
- “Constructing Knowledge Bases for Education Design and Development” The Second International Symposium on Knowledge Engineering, Universidad Politecnica, Madrid, Spain (4/8/87)
- “Investigations in Advanced Education Design and Development Tools” Presentation (with R. Burton) to Army Research Institute, Alexandria, VA (March 23, 1987)
- “IDE: Work In Progress” Multi-National Council on Training and Documentation (Xerox NSO) Leesburg, VA (January 26, 1987)
- “Final Progress Report on 'The Semantics of Procedures' Contract” Xerox International Management and Training Center (XIMTC) Leesburg, VA (November 24, 1986)
- “The Instructional Design Environment: The Interpreter” ONR ICAI Workshop Learning Research and Development Center, Univ. of Pittsburgh, Pittsburgh, PA (November 21, 1986)
- “The Instructional Design Environment” BBN/ARI ICAI Workshop, Smuggler's Notch, VT (October 15, 1986).
- “Overview of ICAI” Department of Defense, XSIS, Roslyn, VA (August 29, 1986)
- “Structuring (and Restructuring) Knowledge for Education” National Computer Conference Las Vegas, NV (June 16, 1986)

- “Instructional Design and Development Environments” Boston Area Xerox User's Group Boston, MA (March 19, 1986)
- “Intelligent Interfaces: User Models and Planners” CHI'86, Boston, MA (March 17, 1986)
- “The Low Road Approach to AI: Interlisp, Notecards, Trillium, SAM” AI Workshop, Reprographics Group, Xerox, Webster, NY (March 19, 1986)
- “Demonstration of Instructional Design/Development Environments (IDE1 and IDE2)” Office of Naval Research (ONR) CAI Contractors Meeting, Palo Alto, CA (March 5, 1986)
- “The Impact of AI On Technical Education” Xerox International Service Council, Palo Alto CA (February 25, 1986)
- “The Impact of AI On Technical Education” Xerox Documentation and Training Standards Committee, Palo Alto, CA (January 28, 1986)
- “ARI Project Progress Report” (With ARI Group) Xerox Special Information Systems (X SIS) Pasadena, CA (January 25, 1986)
- “Structuring Knowledge for Technical Education” The First International Symposium on Knowledge Engineering, Universidad Politecnica, Madrid, Spain (November 11, 1985)
- “Implications of AI on Manufacturing” Reprographics Manufacturing Group (RMG) Rochester, NY (May 11, 1985)
- “Introduction to Artificial Intelligence” Xerox Mechanical Engineering Sciences (MES) Tarrytown, NY (April 1, 1985)

STUDENTS

External advisor on the PhD committees of:

- Jaewon Kim, Queensland University (2017) *Understanding Search Behaviour on Mobile Devices*
- Dakuo Wang, UC Irvine (2016) *Exploring and Supporting Today's Collaborative Writing*
- Chathra Hendahewa, Rutgers University (2015) *Segmental Analysis and Evaluation of User Focused Search Process*
- Elizabeth Foss, U. Maryland (2014) *Youth Internet Search: A Longitudinal Study*
- Bonnie Mackay, Dalhousie University (2010) *Exploring Multisession Web Tasks*
- Nikhil Sharma, U. Michigan (2009) *Sensemaking handoffs: Why? When? How?*
- Yan Qu, U. Michigan (2006) *Supporting Representation Construction in Sensemaking*
- Elaine Huang, Georgia Tech University (2004) *On the design and adoption of large display groupware applications*

RESEARCH GRANTS AWARDED

- 1999 – 2002 -- \$1,500,000 over 3 years to Xerox PARC and University of Washington. Borriello, G., Russell, D., Want, R., Wetherall, D. DARPA BAA-99-07.
Title: “Workspaces: Creating a fluid computational environment for knowledge work” (Later renamed to “Portolano: An expedition into invisible computing”)
- 1989-90 - \$30,000 to Russell, D. M. and Pirolli, P. - from: National Center on Vocational Education Research, Berkeley, CA.
Title: “Computer Assisted Instructional Design for Computer-based Instruction”

AWARDS

- 2013 – UC Irvine Bren School's 2013 Lauds & Laurels Distinguished Alumnus award
https://www.ics.uci.edu/community/news/spotlight/spotlight_russell.php

2015 – UC Irvine Information & Computer Science Department Hall of Fame
<http://engineering.uci.edu/alumni-friends/hall-of-fame>

2016 – Inducted into the CHI Academy (ACM)
<http://www.sigchi.org/about/awards/2016-sigchi-awards>

PRESS COVERAGE

- June 1, 2018 Interview on BBC - <https://www.bbc.co.uk/programmes/p069jz0j> - my part starts at 39 minutes into the podcast, which is all about the future of online education.
- June 6, 2017: <http://www.cs.umd.edu/hcil/TheRestOfTheStory/FIA-Phillips-ARVR360/> “The Future of Virtual Reality @ The Phillips” Evan Golub
- March 29, 2016: “Sosiaalitetilijät hakukoneiden takana” (“Social scientists behind the search engine,” in Finnish) AnthroBlogi, <http://www.antroblogi.fi/2016/03/hakukoneiden-takana/>
- Feb 22, 2016: “Inside the Googleplex: Lecture provides peek into tech industry” Florida State University News. <https://www.fsunews.com/story/news/2016/02/22/inside-googleplex-lecture-provides-peek-tech-industry/80726610/>
- Oct 24, 2014: “Great internet age divide is a myth” Andrew Denholm, Herald Scotland
<http://www.heraldsotland.com/news/education/great-internet-age-divide-is-a-myth.25672713>
- Oct 23, 2013: “I’m Dan Russell, Google Research Scientist, and this is how I work”
<http://liferhacker.com/im-dan-russell-google-research-scientist-and-this-is-1450690468>
- Jan 10, 2013: “Advanced Power Searching with Google registration opens today” Google Research Blog.
<http://googleresearch.blogspot.com/2013/01/advanced-power-searching-with-google.html>
- Feb 2, 2013: interview on the "Kojo Nnambe Show" from WAMU.
http://thekojonnamdishow.org/shows/2013-02-05/crowdsourcing?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+WAMU885KojoNnamdi+%28The+Kojo+Nnamdi+Show+from+WAMU+88.5%29
- Mar, 2013: “Power Searching for Business Journalists: Self-guided training.” Business Journalism blog—Reynolds Staff <http://businessjournalism.org/2013/03/18/power-searching-for-business-journalists-self-guided-training/>
- Apr 8, 2013: blog post for Google Education blog (posted April 8, 2013)
<http://googleresearch.blogspot.com/2013/04/advanced-power-searching-with-google.html>
- Apr 29, 2013: “Online information, credibility and the “Google generation”: Research review, tips, resources, reading list” John Whidbey. Harvard Kennedy School blog “Journalist’s Resource”
<http://journalistsresource.org/studies/society/education/online-information-credibility-google-generation-research-review-tips-resources#>
- May 1, 2013: “An Educational Problem: Digital Natives Are Naive Searchers” Silicon Valley Watcher column on MOOCs
[http://www.siliconvalleywatcher.com/mt/archives/2013/05/an_educational_proble.php?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+SVWatcher+\(Silicon+Valley+Watcher\)](http://www.siliconvalleywatcher.com/mt/archives/2013/05/an_educational_proble.php?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+SVWatcher+(Silicon+Valley+Watcher))
Tom Foremski
- May 9: “Governor Martin O’Malley Unveils Data.Maryland.gov” (Directions Magazine)
<http://www.directionsmag.com/pressreleases/governor-martin-omalley-unveils-data.maryland.gov/328446>
- May 14: “Renowned Google scientist Daniel Russell to visit Woodland Poly, May 14”
<http://woodlandrecord.com/renowned-google-scientist-daniel-russell-to-visit-woodland-poly-may-p3163-1.htm>
- May 28: “The man who teaches the world to Google” Michael Passingham.
<http://www.pcpro.co.uk/features/382093/the-man-who-teaches-the-world-to-google>
- Jul 1: John Tedesco, “More awesome search tips from Google Expert Daniel Russell with Real World Examples” <http://www.johntedesco.net/blog/2013/07/01/more-awesome-search-tips-from-google-expert-daniel-russell-with-real-world-examples/>

- Jul 1: Research at Google blog post. <https://plus.google.com/+ResearchatGoogle/posts/LuNGkFJLqnH>
- Sep 1: “Awesome search tips from Google expert Dan Russell”
<http://mytrafficinfo.blogspot.com/2013/09/awesome-search-tips-from-google-expert.html>
- Jan 23: Peter Shain “Regents gain insight in California” <http://www.michigandaily.com/news/regents-talk-tuition-equality-funding-during-trip-california>
- Jan 23, 2013 Brian Croxall “Improve your results with Google’s Advanced Power Searching MOOC”
<http://chronicle.com/blogs/profhacker/improve-your-results-with-googles-advanced-power-searching-mooc/45589>
- Dec 20, 2012 Andre Salomons “Searching and finding: An interview with Google’s Daniel Russell”
 Computable magazine, Netherlands.
http://www.computable.nl/artikel/expertverslag/internet/4618270/1282763/zoeken-en-vinden-is-een-vak.html?utm_source=Nieuwsbrief&utm_medium=E-mail&utm_campaign=Redactiemailing (In EN: <http://andresalomons.nl/searching-and-finding-an-interview-with-googles-daniel-russell/>)
- Dec 18, 2012 Kevin Purdy “A Google Researcher Reveals 4 Crucial Things "Average Users" Should Know But Don't” <http://www.fastcompany.com/3004069/google-researcher-reveals-4-crucial-things-average-users-should-know-dont>
- Nov 29, 2012 Kevin Purdy “Five misconceptions about your ‘Average User’”
<http://www.fastcompany.com/3003458/5-huge-misconceptions-about-your-average-user>
- Nov 15, 2012 Rebecca Greenfield “You Google Wrong”
<http://www.theatlanticwire.com/technology/2012/11/you-google-wrong/59013/>
- Nov 2012: “You Google Wrong” Rebecca Greenfield, The Atlantic Monthly,
<http://www.theatlanticwire.com/technology/2012/11/you-google-wrong/59013/>
- Nov 13, 2012 “Kojo Nnambe Show” <http://thekojonnamdishow.org/shows/2012-11-13/massive-open-online-courses-moocs/transcript> (syndicated throughout NPR network, 2012 estimated reach, 2.5M)
- Sep 14, 2012 - New York Times (coverage of the NYTimes Schools for Tomorrow): <http://livestre.am/48jg5>
- Sep 11, 2012 - “Google launches open course-builder” <http://techcrunch.com/2012/09/11/google-launches-open-course-builder/> (about Course Builder, but mentions PSWG)
- Sep 11, 2012 - Anne Cain Miller “Class to teach you how to use Google”
<http://bits.blogs.nytimes.com/2012/09/11/a-class-to-teach-you-how-to-use-google/>
- Sept 11, 2012 Anne Cain Miller “Three tips for better Google searching”
<http://gadgetwise.blogs.nytimes.com/2012/09/11/three-tips-for-better-google-searching/>
- July 19, 2012 Zoekcursus Google: altijd handig!
<http://www.rtl.nl/components/actueel/editie/nieuws/2012/w29/zoekcursus-google.xml>
- July 9, 2012 Samantha Murphy - Mashable: How to Search: Google Offers Free Online Classes
<http://mashable.com/2012/07/09/google-search-classes/>
- July 7, 2012 Esther Wojcicki - Huffington Post: Want to Find Information Quickly on the Web? Sign up for This Free Google Online Course Starting July 10 http://www.huffingtonpost.com/esther-wojcicki/want-to-find-information_b_1655925.html
- July 2, 2012 - Alan Henry - Lifehacker: Sign Up for Google’s Power Searching Online Course to Boost Your Google-Fu <http://lifehacker.com/5922804/sign-up-for-googles-power-searching-online-course-to-boost-your-google+fu>
- Jun 21, 2012 - John Tedesco - “How to solve impossible problems: Daniel Russell’s awesome Google search techniques” San Antonio Express News - <http://www.johntedesco.net/blog/2012/06/21/how-to-solve-impossible-problems-daniel-russells-awesome-google-search-techniques/>
- Mar 30, 2012 - James Temple “Meet Google’s Search Anthropologist” <http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2012/03/29/BUEH1NRK17.DTL&ao=all> (reprinted widely: estimated reach, 1M)
- Mar 3, 2012 “Kojo Nnambe Show” <http://thekojonnamdishow.org/shows/2012-03-27/search-education-evangelism> (syndicated throughout NPR network, 2012 estimated reach, 2.5M)

- Feb 24, 2012 by Chris Kendrick, “JLS student's obscure question published in 'Google A Day' quiz” Palo Alto Weekly http://www.paloaltoonline.com/weekly/story_print.php?story_id=16386
- Jan 22, 2012 «Wir haben die Übersicht verloren» <http://www.sonntagszeitung.ch/multimedia/artikel-detailseite/?newsid=204165> by Barnaby Skinner, Sonntagszeitung (offline circ. 189k, readership 758k) (1/22/12)
- Jan 19, 2012 - “Usuários ignoram técnicas básicas de busca, diz cientista do Google” or “Users do not know basic search techniques, says Google scientist” <http://www1.folha.uol.com.br/tec/1020192-usuarios-ignoram-tecnicas-basicas-de-busca-diz-cientista-do-google.shtml> (1/9/12)
- Nov 15, 2011 The Kojo Nnambe Show, WAMU (88.5) NPR station, topic: “Future of information” <http://thekojonnamdishow.org/shows/2011-11-15/future-information> (syndicated throughout NPR network: estimated reach, 2.5M)
- Nov 1, 2011 - Radio Suisse Romande RSR (listenership 500k) – popular French speaking radio station in Switzerland
- Oct 5, 2011 - "Viele Nutzer denken, wir tippen die Antworten ein" <http://www.welt.de/wirtschaft/webwelt/article13641122/Viele-Nutzer-denken-wir-tippen-die-Antworten-ein.html> Welt.de
- Nov 19, 2011 - Kojo Nnambe Show, WAMU (88.5) NPR station, topic: “Future of information” (11/15/11) <http://thekojonnamdishow.org/shows/2011-11-15/future-information/transcript>
- Oct 5, 2011 - “Der Mann, der Google-User glücklich macht” - Thomas Heurzeroth – Berliner Morgenpost <http://www.morgenpost.de/wirtschaft/article1783797/Der-Mann-der-Google-User-gluecklich-macht.html>
- Oct 5, 2011 - “Many users think we type in the answers...” Welt.de <http://www.welt.de/wirtschaft/webwelt/article13641122/Viele-Nutzer-denken-wir-tippen-die-Antworten-ein.html>
- Oct 5, 2011 - “10 tips” - Bild.de – <http://www.bild.de/digital/internet/internet/google-suche-tipps-20181374.bild.html>
- Oct 3, 2011 - Radio interview on Radio Ze (Poland)
- Oct 3, 2011 - Radio interview on Romania portal Hotnews.ro
- Oct 1, 2011 - “Oh my Google!” - Kim Bielenberg – Irish Independent
- Oct, 2011 - Hong Kong: 2/3-page interview article with Dan Russell on South China Morning Post - Young Post (circ 100k), discussing how to turn users’ findings into useful data to improve Google’s search quality. (Print only)
- Oct, 2011 - Hong Kong: 2-page interview in a leading parent magazine Pre-School on Dan Russell’s parenting tips to make best use of online information and Google search. (Print only)
- Oct, 2011 – Australia: “Look here: Google can find it, but humans have to know which way to point” mX newspaper (print only)
- Oct, 2011 - Konrad Lischka - <http://www.spiegel.de/netzwelt/web/0,1518,789395,00.html> – Spiegel Online (“Treffer sind keine Antworten")
- Sept 22, 2011 – Ewoud Sanders – “Eindelijk betere lijst slim zoeken” (EN: “Finally, smart search list”) NRC Handelsblad (Netherlands)
- Sept, 2011 - Josh Halliday - <http://www.psfk.com/2011/10/google-how-well-make-our-search-better.html>
- Sept, 2011 - Josh Halliday - <http://www.guardian.co.uk/technology/pda/2011/sep/30/google-dog-fooding-search-quality?newsfeed=true>
- Sept, 2011 - Juan Carlos Perez – PC World, IDG - http://www.pcworld.com/article/239759/google_gets_bolder_with_search_user_interface.html
- Sept, 2011 - <http://www.geekosystem.com/tag/dan-russell/> - Control-F result
- Sept, 2011 - Nicholas Jackson – The Atlantic - <http://www.theatlantic.com/technology/archive/2011/08/hundreds-of-shortcuts-to-make-you-a-better-internet-user/244009/> - building on the Control-F result

Sept, 2011 - Rhodri Marsden - <http://www.independent.co.uk/life-style/gadgets-and-tech/features/cyberclinic-time-to-ctrlf-some-more-helpful-shortcuts-2343215.html> - Control-F - the Independent

Sept, 2011 - Liz Goodwin - <http://news.yahoo.com/blogs/lookout/college-students-stumped-search-engines-research-finds-193221656.html> - Yahoo News

Sept, 2011 - Erica Nanone - <http://www.technologyreview.com/web/38441/?p1=A4> – MIT Tech Review

Sept 23, 2011 – Drivetime radio interview with Mary Wilson, RTE in Dublin, Ireland
(w/ Ronan Harris on the topic of what makes Google search so superior)

Sept 21, 2011 - TV interview on “Interview 24” – 3M people –
Daniela Dritnova, interviewer, technology/management show
<http://www.ceskatelevize.cz/ivysilani/10095426857-interview-ct24/211411058040921/>

Sept 9, 2011 - PC World: “Google gets bolder with search interface”
http://www.pcworld.com/article/239759/google_gets_bolder_with_search_user_interface.html

July 19, 2011 - InformationWeek.com –<http://informationweek.com/news/internet/google/231002109>

May 19, 2011 – “CHI2011: Tech giants recruit brightest prospects” Nick Barber (video)
(Why Google is recruiting at CHI 2011)
<http://www.pcadvisor.co.uk/videos/3279646/chi2011-tech-giants-recruit-brightest-prospects/>

May 18, 2011 - AGoogleAday update –
www.pcadvisor.co.uk/videos/3279371/learn-to-search-better-with-googleaday/

May 17, 2011 – 32 TV & radio interviews on launch of AGAD
(run by Amanda Chang... I don't have a full list of all the TV and radio shows.. but it was a LOT!)

Apr 11, 2011 - “Add more power to Google searches” Business Standard (India),
<http://www.business-standard.com/india/news/add-more-power-to-google/427168/>

Apr 11, 2011 - “How to search” in Hindu Business Times
<http://www.thehindubusinessline.com/features/eworld/article1512612.ece>
(147K circulation)

Apr 2011 - “Google’s new puzzles have a secret purpose” Wired, online (April, 2011)
<http://www.wired.com/geekdad/2011/04/googles-new-puzzles-have-a-secret-purpose/>

March, 2011 - New Zealand: Tone Magazine --
https://docs.google.com/a/google.com/viewer?a=v&pid=explorer&chrome=true&srcid=0BxyKY_igIU4OWU3MjdiNTYtM2MzOC00MzYyLTk4ZDktMjA2M2IyYzhmMzIz&hl=en

AGoogleADay Launch Coverage Highlights (May-July, 2011)

USA Today: [Google launches a trivia contest](#)
 CNN: [A trivia game where it's OK to Google](#)
 AFP: [Google issues trivia challenge](#)
 TIME: [Google Introduces Daily Trivia Game](#)
 Wired: [Google's New Puzzles Have a Secret Purpose](#)
 New York Times: [Monday: Well, Whaddya Know!](#)
 Wall Street Journal: [Google Goes Gaming With Search Puzzles](#)
 Fortune: [A-Google-a-Day quiz includes a helpful tool](#)
 IDG: [New Trivia Game Encourages Googling](#)
 Washington Post: [Google gives you your daily trivia fix](#)
 ABC News: [Introducing 'Google A Day'](#)
 CNET TV: [Loaded: A Google a Day](#)
 Switched: [Google's New Crossword-Style Trivia Game Wants Puzzlers to Search](#)
 Mashable: [Google Partners With The New York Times for Daily Trivia Game](#)
 Computerworld: [Google, N.Y. Times get game on with search puzzles](#)

PC Magazine: [Trivia Goes Digital with 'A Google a Day'](#)
 VentureBeat: [Google's new trivia game demands that you search](#)
 Nieman Journalism Lab: [Google teams up with The New York Times for its topsy-turvy trivia game](#)
 PSFK: [Google And New York Times Launch Daily Trivia Game](#)
 Motley Fool: [Google's Trivial Pursuit](#)
 SD Times: [A Google A Day, Keeps Trivia Cravings Away?](#)
 ReadWriteWeb: [Google's New Trivia Game Tests Your Knowledge & Your Search Skills](#)
 Geek.com: [A Google a Day: Google's new trivia puzzle has an ulterior motive](#)
 Search Engine Watch: [Google Trivia: Boredom Breaker or Google Research Tool?](#)
 WebProNews: [A Google A Day - Google Trivia Game](#)

- Sep 29, 2010 - "Searching the searchers" The Hindu, featured story on how to learn to search,
<http://www.thehindu.com/todays-paper/tp-features/tp-opportunities/article801537.ece?textsize=large&test=1>
- "There is no room for incomplete search here" interview printed in Times of India – 4 million readership
<http://timesofindia.indiatimes.com/home/opinion/interviews/There-is-no-room-for-incomplete-search-here/articleshow/6060692.cms> (Jun 18, 2010)
- "6 Tips to get more out of Google" 1700 word article for Times of India
<http://timesofindia.indiatimes.com/tech/itslideshow/6089778.cms> (May 7, 2010)
- "Google" CBC radio interview on *Drivetime*. Interviewed by Carmen Klass during daily drivetime live radio show. (October 3, 2006)
- "Gaga over Google" Davene Jerrrey, Halifax Herald-Chronicle
<http://cnews.canoe.ca/CNEWS/TechNews/Internet/2006/10/05/1957148.html> (checked: Oct 20, 2006) Nova Scotia's largest newspaper reports on Killam Lecture of 10/4/06. (October 4, 2006)
- "Google Is Getting Under Everyone's Skin: As it scouts for talent, more than Microsoft is feeling the pinch."
<http://www.informationweek.com/showArticle.jhtml?articleID=170702056> (checked: Nov 18, 2006)
- "The final frontier: James Brown looks at how NASA turned to the private sector for the inspiration to create cutting-edge software" (March 9, 2006) Computing (website journal).
<http://www.computing.co.uk/computing/analysis/2151582/final-frontier> Article about how Blueboard positively influenced the software development practices at NASA Ames Research Center.
- "Dan Russell of IBM on mobile computing" (July 11, 2005) OurMedia website video. Discussion about NPUC workshop. J.D. Lasica. <http://www.ourmedia.org/node/28155> -- (TRT 3:26)
- "IBM focuses on eyetracking" (July 7, 2005) Information Week (website). Aaron Ricadela. Web video interview with demonstration of WGA eyetracking tool (TRT 3:23)
- "The human machine interface" (April, 2005) PC Format (UK) Jonathan Batty. Long article on HCI issues and IBM's role in developing new UI techniques.
- "IT to move away from writing code from scratch says IBM" (March 1, 2005) Search390.com, Luke Meredith. Long article on IBM's new approaches to software development and the future of software technology. http://search390.techtarget.com/originalContent/0,289142,sid10_gci1063231,00.html (last checked: May 5, 2005)
- "Life rafts in a flood of information" (Sept 13, 2004) Anne Eisenberg, Globe & Mail, Breaking news / Technology section.
<http://www.globetechnology.com/servlet/story/RTGAM.20040819.gtwebaug19/BNStory/Technology/>
- "Making web search feel like a stroll in the library" (August 19, 2004) Anne Eisenberg, New York Times, Circuits/Technology section. <http://www.nytimes.com/2004/08/19/technology/circuits/19next.html>
 Long article about New Paradigms workshop.
- "Information Overload?" (August 16, 2004) Michael Kanellos, Globe & Mail
- "Digitize and conquer" (August 11, 2004) Matt Marshall, San Jose Mercury News, Business section, regular column. <http://www.mercurynews.com/mld/mercurynews/business/9370514.htm>
- "Next-generation search tools to refine results" (August 9, 2004) Michael Kanellos, *The Net: Digital Media* column. CNET News.com http://news.com.com/2100-1025_3-5299239.html?tag=prntfr – also picked up by ZDNet; TechRepublic, DrWeb and KDNuggets.
- "No time off? It's tech giants fault" (July 21, 2004) Kevin Maney. USA Today. *Technology* column in Money section. http://www.usatoday.com/money/industries/technology/maney/2004-07-20-time_x.htm

- “Road Warrior” (October 20, 2003) Rana Foroohar. Newsweek. Brief on Infoscope.
<http://www.msnbc.com/news/978190.asp?cp1=1>
- “Anthropology approach progresses--Research on people and the machine” (July 17, 2003) Writeup on NPUC 2003. http://www.zdnet.co.jp/news/0307/17/ne00_human.html
- “Humanity: Computing’s biggest problem” (July 17, 2003) Ina Fried. ZDNet News.
<http://news.zdnet.co.uk/software/developer/0,39020387,2137705,00.htm> Report on NPUC 2003 meeting on user studies.
- “Researchers delve into the human factor” (July 16, 2003) Cnet News, <http://news.com.com/2100-1008-1026321.html> Ina Fried.
- “Minding Your Business” Science News (May 3, 2003) v. 163, n 18, p 279. Peter Weiss. Eyetracking and its uses.
- “Computing gets personal” Tech TV (January 4, 2003) Barb Moffatt. Nationally syndicated short piece on MetaPad aired 6 times. (Also available on Tech TV web site.)
- “It’s all in the translation” USA Today (November 20, 2002) Michelle Kessler. Coverage of Infoscope.
http://www.usatoday.com/tech/news/techinnovations/2002-11-17-bonus-ibm_x.htm
- “IBM reveals vision of next-generation PC” Electronic Engineering Times (Nov 8, 2002).
- “IBM to push new interface technologies for PC” SimmTester.com (Nov 6, 2002). Article on ThinkVantage Technologies.
- “IBM: Still thinking ahead” PCWorld Magazine (November 4, 2002) Tom Spring.
<http://www.pcworld.com/news/article/0,aid,106641,00.asp>
- “AnchorDesk: The Next Big Thing” CNet Radio, radio interview (October 16, 2002) David Coursey, host. 10 minute interview on the newest directions in input methods for computers. Carried on CNet radio network; locally in Bay Area on AM 910; nationally on XM 130. Also as:
<http://www.zdnet.com/anchorsdesk/stories/story/0,10738,2835517,00.html#>
- “Touch your co-workers” SmartComputing, “Under Development” column (October, 2002) v 2, issue 10.
<http://www.smartcomputing.com/editorial/article.asp?article=articles%2Farchive%2F0210%2F61c10%2F61c10%2Easp>
- “IBM drives hard bargain for Hitachi” Financial Review (September 24, 2002) short article on IBM/Hitachi deal for storage, with a description of the BlueBoard project
- “IBM y la NASA colaboran para apoyar expediciones de exploración robótica en Marte” InformacionCentral (September 23, 2002) <http://www.informacioncentral.com.ar/nota5.html>
- “Infoscope Translator” Michael Miller, PC Magazine (September 3, 2002)
<http://www.pcmag.com/article2/0,4149,437336,00.asp>
- “Facing the Future” Globo TV Brazil (September 3, 2002) 3 hour special program on technology in 2002, with segment filmed in USER lab, D. M. Russell and J. P. Jacob interviewed, about 3 minutes.
- “See me, hear me: New computer interfaces may respond to gesture and speech” Sharon Machlis (August 26, 2002) ComputerWorld, <http://www.computerworld.com/softwaretopics/os/story/0,10801,73729,00.html>
- “IBM’s BlueBoard Technology on the Red Planet” Diana Jong, Space.com (August 21, 2002) BlueBoard and MERBoard project with NASA.
http://www.space.com/business/technology/merboard_rover_020821.html Also appeared in MarsNews.com -- <http://www.marsnews.com/missions/2003/>
- “You Read my Mind” Ephraim Schwartz, InfoWorld.com, (August 9, 2002) Coverage of 2002 NPUC.
<http://www.infoworld.com/articles/op/xml/02/08/12/020812opwireless.xml>
- “Interplanetary collaboration” David Propson, Tech Review Magazine (August 5, 2002) Medium-length article on BlueBoard’s origin at Almaden and MERBoard’s use within NASA.
http://www.technologyreview.com/articles/wo_propson080502.asp
- “New Paradigms in Computing” Dan Gillmor, San Jose Mercury News (July 29, 2002) (WebLog)
- “I, PC” Christina Wood (July 28, 2002) Popular Science Online.
<http://www.popsci.com/popsci/computers/article/0.12543,198188-1,00.html> -- long article on the UI of pervasive and ubiquitous computing.
- “El Proyecto BlueBoard” (June 16, 2002) Giga News (Argentina). Long article in Spanish on BlueBoard and MERBoard. <http://www.giga.com.ar/axx/c-115InfoIBMNASA.htm>
- “Misión de control de NASA usará computadoras sofisticadas” (June 6, 2002) Terra News (Spanish language news service) <http://www.terra.com/tecnologia/articula/html/inf5231.htm>
- “NASA Mission Control to use extra-large computers” (June 6, 2002) Muzi News, LateLineNews.
<http://latelinenews.com/II/English/121174.shtml>

- “Big Blue gives NASA a boost on way to Red Planet” (June 6, 2002). Brian McDonough, NewsFactor Network. Long web article solely on BlueBoard/MERBoard project. Also appeared in other online news sites. <http://www.newsfactor.com/perl/printer/18097/>
- “Forget whiteboards... introducing BlueBoards” (June 6, 2002) Geek News (newsonly website), <http://www.geek.com/news/geeknews/2002may/gee20020606012046.htm>
- “IBM BlueBoards to monitor Mars Rover,” (June 5, 2002) Mark Hachman, ExtremeTech <http://www.extremetech.com/article/0,3396,s=201&a=27836,00.asp>
- “IBM, NASA collaborate to support Mars Exploration Rover” (June 3, 2002) IBM Research News web site, http://www.research.ibm.com/resources/news/20020603_merboard.shtml
- “NASA & IBM collaborate to support Mars Exploration Rovers” (June 4, 2002) SuperComputing Online. <http://www.supercomputingonline.com/article.php?sid=2119>
- “IBM, NASA collaborate to support Mars Rover Exploration Rovers” Discovery Channel – Mars Today (June 3, 2002) <http://www.marstoday.com/viewpr.html?pid=8519>
- “BlueBoards” (June 3, 2002) Brian McFadden, WCBS (NY, NY) Brief mention of BlueBoard in radio news segment.
- “NASA Mission Control to use extra-large computers” (June 3, 2002) Caroline Humer (Reuters). Long article about BlueBoard collaboration between Almaden’s USER lab and NASA’s MER team.
- “IBM / NASA collaborate to support Mars exploration rovers” (June 3, 2002) Dow Jones and BizWire. Long article about BlueBoard collaboration between Almaden’s USER lab and NASA’s MER team.
- “Hilfe in Hongkong: Der INFOSCOPE von IBM soll asiatische Schriftzeichen erkennen und übersetzen,” (May 14th, 2002) Stern magazine, in German.
- “How I stay fit” (May 7, 2002) San Jose Mercury New. Kristina Nichols. Article reporting my advice for fitness.
- “Take a peek at IBM’s pet projects” TechTV (broadcast April 23, 2002) 2 minutes of TV coverage on BlueBoard.
- “Dialing into cellphone chic” Business Week Online. Olga Kharif (April 10, 2002) <http://www.youthintelligence.com/company/yiArticle.asp?yiArticleId=19>
- “Infoscope” (April 5, 2002) Next@CNN program. James Hattori. 3 minute program on the use of InfoScope for in-place language translation on handheld device. Broadcast twice.
- “Point, Shoot, Translate” New York Times, (March 14, 2002) Circuits. Anne Eisenberg. Long article on Infoscope featuring Ismail Hartiagolu with comments by DMR. (Also appeared in the San José Mercury News, International Herald Tribune March 18, 2002; Brazilian Newspaper: Edição de Resenha, “IBM na Mídia: Aponte, dispare e entenda francês, mandarim ou alemão” Apr 2, 2002; several Turkish newspapers)
- “Aus die Maus?” Stern (German Magazine, special edition for CEBIT), (March, 2002) Karsten Lemm. Article about the future of the mouse interface.
- “The Next Computer Interface” Technology Review magazine, (December, 2001). Claire Tristam. Long article on new UIs – brief set of quotations by DMR.
- “How to Make Sure the Customer Comes First” InfoWorld (October 26, 2001) Mark Leon. Brief quotations by DMR on topics of user-centered design, in situ design.
- “Eureka! Labs with profits” New York Times, (September 9, 2001) Business section. Barnaby Feder. Long article on IBM research with a brief section about USER’s digital jewelry.
- “Thinking out of the box” PC Magazine (September 4, 2001) Carol Levin. Article on design innovations at IBM, including USER’s text-recognizing sunglasses.
- “What you see is what you do” Kiplinger’s Magazine (July, 2001) Melynda Dovel Wilcox. Half page on BlueEyes attentive environments, with picture. Technology column.
- “Ubiquitous Access” Wall Street Journal (June 25, 2001) Michael Totty. 2 paragraphs in long article about future UE visions.
- “Pervasive Computing (definition)” SearchNetworking.com term definition. (http://searchnetworking.techtarget.com/sDefinition/0,,sid7_gci759337,00.html)
- “Tomorrow never looked so cool” Wired News (June 23, 2001). Farhad Manjoo. 1/3rd of long article on future technologies. <http://www.wired.com/news/print/0,1294,44676,00.html>
- “We’re all cyberlab rats” Time Magazine (June 4, 2001) v. 157, n. 22 Michelle Levander http://www.time.com/time/interactive/society/anthropology_np.html

- “Inescapably connected: Life in the wireless age” New York Times Sunday Magazine, (April 22, 2001) James Gleick. Long article on pervasive computing and the USER lab’s work.
- “How digital jewelry works” How Stuff Works web site article, <http://www.howstuffworks.com>, (April 11, 2001) Kevin Bonsor. Web-only article
- “Az eszközök csillagépe” CHIP Magazine, V. 13, No. 1. (Jan, 2001) Endre Kis. 4 full page article on the work of USER lab at IBM Almaden. (In Hungarian)
- “IBM Leaps into the future of computing” Herald-Sun, Durham, NC (Jan 31, 2001) Lisa F. Smith. Medium length article on USER lab view of design of wearables.
- “Your Cufflink’s Calling: The Design-Conscious Want to know; Does HighTech Mix with High Fashion?” Wall Street Journal (Jan 16, 2001)
- “The advent of Bluetooth for personal computing” KTVU “Technology Update” (broadcast on December 31, 2000)
- “IBM shows Bluetooth-enabled jewelry, gadgets” EE Times Magazine (December 7, 2000) Junko Yoshida. Digital Jewelry and uses of Bluetooth discussion. (Also as <http://www.siliconstrategies.com/story/OEG20001208S0002>)
- “IBM BlueEyes project gets to know users better” Philippine Daily Inquirer (December 3, 2000) Gerry A. Plaza. Medium article of perceptual UI program at Almaden.
- “Tech in vogue: Wearable gadgets blend function with fashion” *San Jose Mercury News* (November 9, 2000) Cecilia Kang. Lead photo of IBM wearable computer, small mention of Almaden’s work on wearable and pervasive computing.
- “As we may live: Computer scientists build a dream house to test their vision of our future” Scientific American (Nov, 2000). Wayt Gibbs. Two mentions of IBM Almaden in article on ubiquitous computing.
- “IBM’s got the vision thing: Technical types gather for a look at how the PC may evolve” The News & Observer, Raleigh, NC (Oct 20,2000). Christina Dyrness. Long article on IBM’s pervasive explorations, highlighting digital jewelry. Also picked up by Knight Ridder for national release.
- “There’s no computer like no computer” *Red Herring*, Inside Tech – Lab Rat column. (October 19, 2000). Niall McKay. PlanetBlue coverage.
- “Designers consider the disappearing computer” EE News (August 9, 2000). Rick Merritt, front page coverage of design work in USER, especially in pervasive systems. Several images. (also as <http://www.edtn.com/story/tech/OEG20000809S0035> and as <http://www.techweb.com/wire/story/TWB20000810S0014>)
- “What ten high-tech innovations will change the way you do business over the next five years? Here's what the experts think” eCFO (September, 2000) Adam Lincoln, http://www.ecfonet.com/articles/al_10x5.html and as <http://www.cfo.com/article/1,5309,4710|0||,00.html>
- “PlanetBlue” The Feature (September 26, 2000), Niall Mackay. Overview of the PlanetBlue project. (Also as <http://www.thefeature.com/article.jsp?pageid=6448>
- “IBM Almaden Research Center trying to make computers read user’s psychology and become more helpful to them” *Nikkei Sangyo Shimbun* (Japanese newspaper) (August 17, 2000)
- “The Post-PC era of calm computing” Interview on KQED radio’s “California Report” (broadcast on May 30, 2000)

BIOGRAPHY

Daniel Russell is a research scientist at Google where he works in the area of search quality, with a focus on understanding what makes Google users happy in their use of web search. While at Google he has managed various teams of researchers, most recently in the Search Quality area (core search for Google). In addition, he has led the design and creation of two major "Massive Open Online Courses" (MOOCs)--PowerSearchingWithGoogle.com has both a basic and an advanced course for teaching students how to be better searchers. Since these MOOCs were launched in mid-year 2012, they have attracted more than 500K students. The software package for PowerSearching was then re-packaged and offered as "Coursebuilder," an open-source MOOC platform now used by over 50 institutions and internally within Google for more than 30 courses.

From 2000 until mid-2005, Dan was a senior research scientist in the User Sciences and Experience Research (USER) lab at IBM's Almaden Research Center (San José, CA). The lab's main interests are in the areas of designing the complete user experience of computation, especially in the domains of highly sensed / attentive environments, formalizing the characteristics of human behaviors for input mechanisms, and creating new ways of emplacing computation into the work space. As an individual contributor, Dan is best known for his work on the large, interactive IBM BlueBoard system for simple collaboration, and for his studies of sensemaking behavior of people dealing with understanding large amounts of information.

Prior to his engagement at IBM, Dan managed the User Experience Research group at Xerox Palo Alto Research Center. Returning to PARC after a nearly 5 year stint at Apple, UER@PARC spent 9 months working on the design of a complete user experience for a new class of information appliance. The group designed and implemented Madcap, a highly interactive browser for large, richly coordinated media collections.

Until September of 1997, Dan was the Director of the Knowledge Management Technologies laboratory within Apple's Advanced Technology Group (ATG). In this capacity, he coordinated the research efforts of five areas (Intelligent Systems, Spoken Language, User Experience, Interaction Design, and Information Technology) to provide an amalgamating, integrative direction to the research as a whole. Before KMT, he managed Apple's User Experience Research group, which studied issues of sensemaking, cognitive modelling of analysis tasks, synchronous and asynchronous collaboration, shared awareness of individual state, joint work coordination, and knowledge-based use of complex, heterogeneous information.

Prior to joining Apple in 1993, Dan was a Member of the Research Staff at the Xerox Palo Alto Research Center (PARC) in the User Interface Research group studying uses of information visualization techniques. Before that, from 1984 through 1991 he led the "Instructional Design Environment" project (with both Richard Burton and Tom Moran) to develop a practical computer-aided design and analysis system for use in ill-structured design tasks. In addition to his work at PARC, he is an adjunct lecturer on the Engineering and Computer Science (Computer Science) faculty of the University of Santa Clara, and teaches special topics classes in Artificial Intelligence at Stanford University.

Dan publishes widely, with more than 100 articles and publications in his CV. He is a frequent subject of press interviews and has helped portray a great deal of complex technology to the non-technical world.

Dr. Russell received his B.S. in Information and Computer Science from U.C. Irvine, and his M.S. and Ph.D. degrees in Computer Science from the University of Rochester. While at Rochester, he did graduate work in the neuropsychology of laterality, models of apraxia and aphasia, coordinated motor movements and computer vision. Prior to PARC, Dr. Russell worked in the Xerox Webster Research Center gaining practical experience in printing systems and computer architecture.