

**Chancellor's Distinguished Fellows Program
2006-2007
Selective Bibliography
UC Irvine Libraries**

John Seely Brown

April 4, 2007

Prepared by:

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Books, Edited Works & Book Chapters	1
Book Forwards	7
Selective Journal Articles	7
Selective Conference Proceedings, Working Papers, Government & Technical Reports.....	11
Inventions & Patents	12
Selective Interviews & Podcasts	12
Special Activities, Congressional Testimony and Media Presence	13
Honors, Awards, Current Society, Corporate Affiliations, Editorial Boards.....	13
About John Seely Brown & Web Presence.....	17

Books, Edited Works and Book Chapters (including Translations)

(Holdings correspond to UCI Libraries LL= Langson Library; SL=Science Library)

Hagel III, John and Brown, John Seely (2005). *The Only Sustainable Edge: Why Business Strategy Depends on Productive Friction and Dynamic Specialization*. Cambridge, MA: Harvard Business School Press. Call Number: LL **HD 30.28 .H323 2005**

Brown, John Seely, Denning, Stephen, Groh, Katalina, and Prusak, Laurence (2005). *Storytelling in Organizations – Why Storytelling Is Transforming 21st Century Organizations and Management*. Elsevier Butterworth-Heinemann.

Zhao, Feng, and Brown, John Seely (2005). "Ecological Computing," in *Environmentalism & The Technologies of Tomorrow*, edited by Robert Olson and David Rejecscki. Washington, DC: Island Press, 53-60. Call Number: LL **HC 79 E5 E597 2005**

Brown, John Seely and Duguid, Paul (2005). "Organizing Knowledge," in *Managing Knowledge: An Essential Reader*, edited by Stephen Little, Paul Quintas and Tim Ray. Newbury Park, CA: Sage, 19-40. Call Number LL **HD 30.2 M3645 2005**

Cook, S.D.N., and Brown, John Seely (2005). "Bridging Epistemologies: The Generative Dance Between Organizational Knowledge and Organizational Knowing," in *Managing Knowledge: An Essential Reader*, edited by Stephen Little, Paul Quintas and Tim Ray. Newbury Park, CA: Sage, 68-101. Call Number LL **HD 30.2 M3645 2005**

Brown, John Seely (2003). "Research That Reinvents the Corporation." in *Harvard Business Review on the Innovative Enterprise*. Boston: Harvard Business School Pub., 129-154. Call Number: LL **HD 45 .H343 2003**

Brown, John Seely and Duguid, Paul (2002). "Don't Count Society Out," in *The Invisible Future*, edited by Peter J. Denning. NY: McGraw Hill, 117-144. Call Number: LL **T 173.8 .I619 2002**

Brown, John Seely and Duguid, Paul (2001). "Structure and Spontaneity: Knowledge and Organization," in *Managing Industrial Knowledge*, edited by Ikijiro Nonaka and David Teece. Newbury Park, CA: Sage: 44-67. Call Number LL **HD 30.2 M36 2001**

Brown, John Seely and Duguid, Paul (2000). "Mysteries of the Region: Knowledge Dynamics in Silicon Valley," in *The Silicon Valley Edge: A Habitat for Innovation and Entrepreneurship*, edited by Chong-Moon Lee. Stanford, CA: Stanford University Press: 16-39. Call Number: LL **HC 107 C22 S3965 2000.**

Brown, John Seely and Duguid, Paul (2000). *The Social Life of Information*. Harvard Business School Press. Call Number: LL **HM 851 .B76 2000**

Italian Edition: Formenti, Carlo (trans. Negro, Giovanni), *La Vita Sociale dell'Informazione: Miti e Realita nell'Era di Intternet* 2001. Bologna: Segretariato Europeo per le Pubblicazioni Scientifiche (SEPS).

Brazillion Edition: (trans. Paschoa, Celso Roberto), *A Vida Social da Informacao* 2001. Sao Paulo: Makron Books Ltda.

Dutch Edition: *De Waarde van Informatie*. Amsterdam: Financial Times/Prentice Hall, 2000

Korean Edition: Seoul, South Korea: Keorum Publishing, 2001

Chinese Edition: (complex characters), Taiwan: Prophet Press, 2001

Japanese Edition: Tokyo: Nihon Keizai Shimbun Sha, Inc., 2001

Turkish Edition: Istanbul: BZD Yayıncılık, 2001

Spanish Edition: Argentina: Pearson Educacion, 2001

Chinese Edition: (simplified characters), Beijing: Commercial Press, 2002

Brown, John Seely and Duguid, Paul (1998). "Universities in the Digital Age," *The Mirage of Continuity: Reconfiguring Academic Information Resources for the 21st Century*, edited by Brian L. Hawkins and Patricia Battin. Washington, DC: Council on Library and Information Resources: 39-60. Call Number: LL **Z 675 U5 M546 1998**

Brown, John Seely and Duguid, Paul (1998). "Organizing Knowledge," in *Web Weaving: Intranets, Extranets and Strategic Alliances*, edited by Peter Lloyd and Paula Boyle. Boston, MA: Butterworth-Heinemann: 29-46. Call Number: LL **HD 30.37 W43 1998**

Brown, John Seely and Weiser, Mark (1998). "Center and Periphery: Balancing the Bias of Digital Technology," in *Blueprint to the Digital Economy: Creating Wealth in the Era of E-Business*, edited by Don Tapscott, Alex Lowy and David Ticoll. NY: McGraw-Hill: 317-335. Call Number: LL **HC 79 I55 B57 1998**.

Brown, John Seely and Oetinger, Bolko V. eds. (1998). *Ergebnis Innovation: Die Welt mit anderen Augen sehen*. Munich Germany: Carl Hanser Verlag.

Brown, John Seely, ed. (1997). *Seeing Differently: Insights on Innovation*. Boston, MA: Harvard Business School Publishing. Call Number: LL **HD 58.8 .S44 1997**

Weiser, Mark and Brown, John Seely (1997). "The Coming Age of Calm Technology," in *Beyond Calculation: The Next Fifty Years of Computing* by Peter J. Denning and Robert M. Metcalfe. NY: Springer-Verlag.

Brown, John Seely (1997). "Changing the Game of Corporate Research: Learning to Thrive in the Fog of Reality," in *Technological Innovation, Oversights and Foresights*, edited by Raghu Garud,, et al. NY: Cambridge University Press: 95-110. Call Number: LL **HD 45 T3945 1997**

Brown, John Seely (1997). "Research That Reinvents the Corporation," in *Managing Strategic Innovation and Change: A Collection of Readings*, edited by Michael L. Tushman and Philip Anderson. NY: Oxford University Press: 342-352. Call Number: LL **HD 31 M29425**

Weiser, Mark and Brown, John Seely (1996). "Designing Calm Technology," in *The "100" Show: The Eighteenth Annual of the American Center for Design*, edited by Therese Rutowski. NY: Watson-Guptill Publications: 159-163.

Saffo, Paul, et al. (1996). "Brainstorming the Future Perfect," in *Technologies for the 21st Century, Volume 7 Scaling Up*, edited by Martin Greenberger. Santa Monica, CA: Council for Technology and the Individual: 235-263.

Brown, John Seely and Duguid, Paul (1996). "Keeping it Simple," *Bringing Design to Software* edited by Terry Winograd. NY: ACM Press 129-150.

Brown, John Seely and Duguid, Paul (1996). "Organizational Learning and Communities-of-Practice: Toward a Unified View of Working, Learning and Innovation, in *Organizational Learning* edited by Machael D. Cohen and Lee S. Sproull. Thousand Oaks, CA: Sage: 55-82. Call Number: LL **HB 58.82 O74 1996**.

Brown, John Seely and Duguid, Paul (1996). "Stolen Knowledge," in *Situated Learning Perspectives*, edited by Hillary McLellen. Englewood Cliffs, NJ: Educational Technology Publications: 169-173.

Brown, John Seely, Collins, Allan and Duguid, Paul (1996). "Situated Cognition and the Culture of Learning," in *Situated Learning Perspectives*, edited by Hillary McLellen. Englewood Cliffs, NJ: Educational Technology Publications: 19-44.

Brown, John Seely and Duguid, Paul (1994). "Organizational learning and Communities of Practice: Toward a Unified View of Working, Learning and Innovation" in *New Thinking in Organizational Behavior*, edited by Hardimos Tsoukas. London: Butterworth Heineman: 165-187.

Duguid, Paul and Brown, John Seely (1993). "Rethinking the Border in Design: An Exploration of Central and Peripheral Relations in Practice," in *The Edge of the Millennium: An International Critique of Architecture, Urban Planning, Product and Communication Design*, edited by Susan Yelavich. NY: Whitney Library of Design. Call Number: LL **NA 2750 E34 1993**.

Brown, John Seely and Duguid (1992). "Enacting Design for the Workplace," in *Usability: Turning Technologies into Tools*, edited by Paul S. Adler and Terry A. Winograd. NY: Oxford University Press, 1992: 164-197. Call Number: SL **QA 76.9 S88 U73 1992**

DeKleer, Johan and Brown, John Seely (1992). "Model-based Diagnosis in SOPHIE III," in *Readings in Model-Based Diagnosis*, edited by Walter Hamscher, et al. San Mateo: CA: Morgan Kaufman, 1992: 179-205. Call Number: SL **TA 168 R36 1992**

Brown, John Seely (1990). "Towards a New Epistemology for Learning," in *Intelligent Tutoring Systems at the Crossroads of Artificial Intelligence and Education*, edited by Cr. Frasson, et al. Norwood, NJ: Ablex Publishing. Call Number: LL **LB 1028.5 I553 1990**.

Stefik, M. and Brown, John Seely (1989). "Toward Portable Ideas," in *Technological Support for Work Group Collaboration*, edited by M.H. Olson. Hillsdale, NJ: Lawrence Erlbaum: 147-165. Call Number: LL **HD 66 T44 1989**

Collins, Allan, Brown, John Seely and Newman, S.E. (1989). "Cognitive Apprenticeship: Teaching the Craft of Reading, Writing and Mathematics," in *Knowing, Learning and Instruction: Essays in Honor of Robert Glaser*. Hillsdale, NJ: Lawrence Erlbaum. Call Number: LL **LB 1051 K715 1989**

Collins, Allan and Brown, John Seely (1988). "The Computer as Tool for Learning Through Reflection," in *Learning Issues for Intelligent Tutoring Systems*. NY: Springer. Call Number: LL **LB 1028.5 L388 1988**

Brown, John Seely (1986). "From Cognitive to Social Ergonomics and Beyond," in *User-Centered System Design: New Perspectives n Human-Computer Interaction* edited by D.A. Norman and S.W. Draper. Hillsdale, NJ: Lawrence Erlbaum. Call Number: SL **QA 76.9 I58 U73 1986**

Brown, John Seely (1985). "Process versus Product: A Perspective on Tools for Communal and Informal Electronic Learning," in *Children and Microcomputers: Research on the Newest Medium* edited by M. Chen and W. Paisley. Beverly Hills, CA: Sage. Call Number: SL **QA 76.9 C659 C44 1985**

De Kleer, J. and Brown, John Seely (1985). "A Qualitative Physics Based on Confluences," in *Qualitative Reasoning About Physical Systems*. Cambridge, MA: MIT Press. Call Number: SL **Q 335.5 Q35 1985**

Brown, John Seely and Green, J.G. (1985). "Information Technology in Pre-college Education," in *New Pathways in Science and Technology*. NY: Vintage Books: 298-317.

Brown, John Seely (1984). "The Low Road, the Middle Road and the High Road," in *The AI Business: Commercial Prospects of Artificial Intelligence* edited by P.H. Winston and K.A. Prendergast. Cambridge, MA: MIT Press. Call Number: SL **Q 334 A45 1984**

VanLehn, K., Brown, John Seely and Greeno, J.G. (1984). "Competitive Argumentation in Computational Theories of Cognition," in *Methods and Tactics in Cognitive Science*, edited by W. Kintsch, et al. Hillsdale, NJ: Lawrence Erlbaum.

Burton, R.R., Brown, John Seely and Fischer, G. (1984). "Skiing as a Model of Instruction," in *Everyday Cognition: its Development in Social Context*, edited by B. Rogoff and Jean Lave. Cambridge, MA: Harvard University Press, 1984. Call Number: LL **BF 311 E87 1984**.

Brown, John Seely (1983). "Process versus Product: A Perspective on Tools for Communal and Informal Electronic Learning," in *Report from the Learning Lab: Education in the Electronic Age*. NY: WNET.

Brown, John Seely (1983). "Learning-By-Doing Revised for Electronic Learning Environments," in *The Future of Electronic Learning*, edited by M.A. White. Hillsdale, NJ: Lawrence Erlbaum. Call Number: LL **LB 1028.3 F87 1983**.

De Kleer, J. and Brown, John Seely (1983). "Assumptions and Ambiguities in Mechanistic Mental Models," in *Mental Models*, edited by D. Gentner and A.S. Stevens. Hillsdale, NJ: Lawrence Erlbaum. Call Number: LL **BF 311 M446 1983**.

Sleeman, D. and Brown, John Seely, Eds. (1982). *Intelligent Tutoring Systems* (Japanese translation 1987). London, England: Academic Press, Ltd. Call Number: LL **LB 1028.5 .J55 1982**

Brown, John Seely and VanLehn, K. (1982). "Towards a Generative Theory of Bugs," in *Addition and Subtraction: A Cognitive Perspective*, edited by J. Moser and T. Romberg. Hillsdale, NJ: Lawrence Erlbaum. Call Number: SL **QA 115 A34 1982**.

DeKleer, J. and Brown, John Seely (1981). "Mental Models of Physical Mechanisms and Their Acquisition," in *Cognitive Skills and Their Acquisition*, edited by J.R. Anderson. Hillsdale, NJ: Lawrence Erlbaum. Call Number: LL **BF 311 S83 1980**.

DeKleer, J. and Brown, John Seely (1980). "Towards a Theory of Qualitative Reasoning About Mechanisms," in *Human Detection and Diagnosis of System Failures*, edited by J. Rasmussen and W.B. Rouse. NY: Plenum Press. Call Number: SL **TA 169.5 N37 1980**.

VanLehn, K., and Brown, John Seely (1980). "Planning Nets: A Representation for Formalizing Analogies and Semantic Models of Procedural Skills," in *Aptitude Learning and Instruction, Volume 2: Cognitive Process Analyses of Learning and Problem Solving* edited by R.E. Snow, P.A. Frederico and W.E. Montague. Hillsdale, NJ: Lawrence Erlbaum.

Brown, John Seely and Goldstein, I.P. (1979). "The Computer as a Personal Assistant for Learning," in *Cognitive Process Instruction* edited by J. Lochhead and J. Clement. Philadelphia, PA: The Franklin Institute.

Gottschalk, Louis A., Hausmann, C., and Brown, John Seely (1979). "A Computerized Scoring System for Use with Content Analysis Scales," in *The Content Analysis of Verbal Behavior: Further Studies*, edited by Louis A. Gottschalk. NY: Spectrum Publications. Call Number: SL **BF 455 C671 1979**.

Bobrow, R.J. and Brown, John Seely (1975). "Systematic Understanding: Synthesis, Analysis and Contingent Knowledge," in *Representation and Understanding: Studies in Cognitive Science*, edited by D.G. Bobrow and A.M. Collins. NY: Academic Press. Call Number: LL **BF 311 R388**

Brown, John Seely and Burton, R. (1975). "Multiple Representations of Knowledge for Tutorial Reasoning," in *Representation and Understanding: Studies in Cognitive Science*, edited by D.G. Bobrow and A.M. Collins. NY: Academic Press. Call Number: LL **BF 311 R388**

Collins, A.M., Brown, John Seely, Larkin, K.M. (1980). "Inference in Text Understanding," in *Theoretical Issues in Reading Comprehension: perspectives from cognitive psychology, linguistics, artificial intelligence, and education*, edited by R.J. Spiro, et al. Hillsdale, NJ: Lawrence Erlbaum. Call Number: LL **LB 1050.45 T48**

Book Forwards

Breck, Judy (2006) with Forward by John Seely Brown. *109 Ideas for Virtual Learning: How Open Content Will Help Close the Digital Divid.* Lanham, Md.: Rowman & Littlefield Education. Call Number: LL **LB 1044.87 B726 2006**

Chesbrough, Henry (2006) with Foreword by John Seely Brown. *Open Innovation: researching a new paradigm.* Oxford : Oxford University Press. Call Number: LL **HD45 O64 2006**

Conner, Marcia L. and Glawson, James G. eds (2004) with Introduction by John Seely Brown, Estee Solomon Gray. *Creating a Learning Culture: Strategy, Technology, and Practice.* Cambridge: Cambridge University Press.

Manes, Anne Thomas (2003) with Foreword by John Hagel III and John Seely Brown. *Web Services: A Manager's Guide.* Boston, MA: Addison Wesley Professional.

Tsoukas, Haridimos and Mylonopoulos, Nikos eds. (2004) with Foreword by John Seely Brown. *Organizations as Knowledge Systems.* New York : Palgrave Macmillan. Call Number: LL **HD58.82 E87 2004**

Hagel, John (2002) with Foreword by John Seely Brown. *Out of the Box: Strategies for Achieving Profits Today and Growth Tomorrow through Web Services.* Cambridge, MA: Harvard Business School Press.

Kenney, Martin, ed. (2000) with Foreword by John Seely Brown. *Understanding Silicon Valley: The Anatomy of an Entrepreneurial Region.* Stanford, CA: Stanford University Press. Call Number: LL **HC 107 C22 S3975 2000.**

Harris, Craig, ed. (1999) with Introduction by John Seely Brown. *Art and Innovation: The Xerox PARC Artist-in-Residence Program.* Cambridge, MA: MIT Press.

Dissertation

A Symbiotic Theory Formation System, University of Michigan, 1972

Selective Journal & News Articles

Brown, J. S. and Douglas, T. (2006), "MBAs be Warned: The Gamers are Learning More than You Realize," *Wired*, 14 (4) April.

Brown, J. S. (2006). "New Learning Environments for the 21st Century: Exploring the Edge," *Change*, September/October: 19-26.

<http://www.johnseelyBrown.com/change%20article.pdf>

Brown, J. S. and Hagel, J. (2006). "How Much Knowledge Should a Business Give Away?" *European Business Forum*, 24: 17-18

Brown, J. S. and Hagel, J. (2006). "Funding Invention vs Managing Innovation," *Businessweek*, February 16.

Brown, J. S. and Hagel, J. (2005). "The Joy of Flex," *CIO Magazine*, Oct. 11

Hagel, J. and Brown, J. S. (2005). "Business Life Summer School Day Seven: The Benefits of a Long Distance Relationship," *Financial Times*, August 9.

Brown, J. S. and Hagel, J. (2005). "Silicon Valley's Risky Complacency," *Businessweek*, July 28

Brown, J. S. and Hagel, J. (2005). "The Next Frontier," *The McKinsey Quarterly*, 3:82-91.

http://www.mckinseyquarterly.com/article_abstract_visitor.aspx?ar=1642&l2=21&l3=37&srid=9&gp=1

Brown, J. S. and Cooper, J. R. (2005). "Intelligence: We've Lost our Edge," *Washington Post*, May 10.

Hagel, J. and Brown, J. S. (2005). "Productive Friction: How Difficult Business Partnerships Can Accelerate Innovation," *Harvard Business Review*, February: 82-91.

Brown, J. S. and Hagel, J. (2005). "Innovation Blowback: Disruptive Management Practices from Asia," *McKinsey Quarterly*, 1: 35-45.

http://www.mckinseyquarterly.com/article_abstract_visitor.aspx?ar=1558&l2=21&l3=35&srid=9&gp=1

Hagel, J. and Brown, J. S. (2004). "The Innovation/Productivity Quotient." *Optimize Magazine*, February: 46-52.

<http://www.optimize.com/article/showArticle.jhtml?printableArticle=true&articleId=18100230&queryText=>

Hagel, J. and Brown, J. S. (2003). "From Tightly Bound to Loosely Coupled." *Software Development*, 11(9): 39-47 September.

Hagel, J. and Brown, J. S. (2003). "The Agile Dance of Architectures: Reframing IT Enabled Business Opportunities." *SAP Design Guild, Edition on Composite Applications*.

<http://www.sapdesignguild.org/editions/edition7/architectures.asp>

Hagel, J. and Brown, J. S. (2002). "Service Grids: The Missing Layer in Web Services." *Release 1.0*, 20 (11): 1-32.

- Brown, J. S. and Duguid, P. (2002). "Local Knowledge: Innovation in the Networked Age," *Management Learning* 33 (4): 427-437.
- Brown, J. S. (2002). "The Social Life of Learning: How Can Continuing Education be Reconfigured in the Future." *Continuing Higher Education Review* 66: 50-69.
- Brown, J. S. (2002). "Research That Reinvents the Corporation" *Harvard Business Review: Special Issue, The Innovative Enterprise*, August: 105-114.
- Brown, J. S. (2002). "Learning in the Digital Age." *Forum Futures*: 20-23.
- Brown, J. S. (2002). "Convergence and co-evolution." *European Business Forum*, Spring: 14.
- Hagle, J., Brown, J. S., and Layton-Rodin, D. (2002). "Go Slowly with Web Services," *CIO*, February 15: 36-40.
- Hagle, J. and Brown, J. S. (2001). "Your Next IT Strategy." *Harvard Business Review*, October: 105-113.
- Brown, J. S. (2001). "Where Have All the Computers Gone?" *Technology Review*, January/February: 86-87.
- Brown, J. S. (2000). "Look_closely_right_now: the Internet bestows authority on everyone, which is exactly the problem." *Forbes ASAP*, October 2: 26.
<http://www.forbes.com/asa/00/1002/026.htm>
- Brown, J. S. and Duguid, P. (2000). "Ideas to Feed Your Business: Re-Engineering the Future: A Response to Bill Joy and the Doom-and-Gloom Technofuturists." *Industry Standard*, April 13. <http://www.thestandard.com/article/display/0,1151,14013,00.html>
- Brown, J. S. and Duguid, P. (2000). "Practice vs. Process: The Tension that Won't Go Away," *Knowledge Directions*, Spring, 2(1):86-96.
- Brown, J. S. (1998). "To Dream the Invisible Dream." *Red Herring*, July: 17.
- Weiser, M. and Brown, J. S. (1998). "Riding on a Sea of Calm." *World Link*: January/February: 46-50.
- Brown, J. S. and Duguid, P. (1998). "Organizing Knowledge." *California Management Review* Spring, 40 (3): 90-111.
- Brown, J. S. (1998). "Seeing Differently: A Role for Pioneering Research." *Research Technology Management*, May/June 41(3): 24-33.

- Brown, J. S. (1997) "Seeing Differently: Rethinking Innovation." *Comtech: the Magazine of Innovation in Chemistry and Technology*, July: 12-18.
- Brown, J. S. (1996). "To Dream the Invisible Dream" *Communications of the ACM*, August 39(8): 30.
- Brown, J. S. and Duguid, P. (1996). "Universities in the Digital Age" *Change* July/August, 28 (4): 10-19.
- Brown, J. S. and Duguid, P. (1996). "Space for the Chattering Classes." *THESIS: The Times Higher Education Supplement-Multimedia Features.* May 10: iv-vi.
<http://thesis.newsint.co.uk/MULTIMEDIA/seely.html>
- Brown, J. S. and Duguid, P. (1996). "The Social Life of Documents." *First Monday*, May. <http://www.firstmonday.dk/issue1/documents/index.html#03>
- Stucky, S. and Brown, J. S. (1996). "Leveraging Learning." *Across the Board*, March 33 (3): 22-24.
- Brown, J. S. and Gray, Estee Solomon (1995). "The People are the Company." *Fast Company* 1(1): 78-82.
- Brown, J. S., Duguid, P. and Haviland, S. (1994). "Toward Informed Participation: Six Scenarios in Search of Democracy in the Information Age." *The Aspen Institute Quarterly*, Autumn.
- Brpwm, J. S. and Walton, E. (1993). "Reenacting the Corporation." *Planning Review*, September/October: 5-8.
- Brown, J. S. and Duguid, P. (1993). "Stolen Knowledge." *Educational Technology Journal*, March 33 (3): 10-15.
- Brown, J. S. (1992), "Reflections on the Document." *Xploration, The Journal of Electronic Document Systems*.
- Brown, J. S. and Duguid, P. (1991). "Organizational Learning and Communities-of-Practice: Toward a Unified View of Working, Learning and Innovation." *Organizational Science* 2: 40-57.
- Brown, J. S. (1991). "Research that Reinvents the Corporation." *Harvard Business Review*, January/February.
- Brown, J. S., Collins, A., and Duguid, P. (1989). "Situated Cognition and Culture of Learning." *Educational Researcher* 18 (1): 32-41.

Lenat, D.B. and Brown, J. S. (1984). "Why AM and EURISKO Appear to Work." *Artificial Intelligence* 23: 269-294.

DeKleer, J, and Brown, J. S. (1984). "A Qualitative Physics Based on Confluences." *Artificial Intelligence* 24: 7-83.

Brown, J. S. and VanLehn, K. (1980). "Repair Theory: A Generative Theory of Bugs in Procedural Skills." *Cognitive Science*, 4.

Burton, R.R. and Brown, J. S. (1979). "An Investigation of Computer Coaching for Informal Learning Activities." *International Journal of Man-Machine Studies*, 11, January.

Brown, J. S., Burton, R.R. and Zdybel, F. (1973). "A Model-Driven Question Answering System for Mixed-Initiative Computer Assisted Instruction." *IEEE Transactions on Systems, Man and Cybernetics*.

Gyr, J.W., Brown, J. S. and Cafagna, A.C. (1967). "Quasi-formal Models of Inductive Behavior and Their Relation to Piaget's Theory of Cognitive Stages." *Psychological Review* 74: 272-290.

Gyr, J.W., Brown, J. S., Willey, R., and Zivian, A. (1966). "Computer Simulation and Psychological Theories of Perception," *Psychological Bulletin* 65: 174-192.

Gyr, J.W., Ash, W., Brown, J. S., Willey, R., and Zivian, A. (1966). "Computer Simulation of Perceptual Motor Skills," *Perceptual Motor Skills* 23: 793-794.

Selective Conference Proceedings, Presentations, Working Papers and Government & Technical Reports

Brown, J. S. and Hagel, J. (2006). "Connecting Globalization and Innovation: Some Contrarian Perspectives." Annual Meeting of the World Economic Forum, January 25-30.

Fischer, G., Brown, J. S. and Burton, R.R. (1978). "Aspects of a Theory of Simplification, Debugging, and Coaching," *Proceedings of the Second National Conference of the Canadian Society for Computing*.

Brown, J. S. (1975). "Uses of Artificial Intelligence and Advanced Computer Technology in Education." in *Computers and Communications: Implications for Education: Proceedings of the Conference on Computer Technology in Education for 1975*, edited by Robert J. Seidel and Martin Rubin. NY: Academic Press. Call Number: LL **LB 1028.3 C65 1975**.

Brown, J. S. and Burton, R. (1974). "Pragmatic Uses of Artificial Intelligence in CAI," *Proceedings of National Association for Computing Machinery*.

Brown, J. S., Burton, R.R. and Zdybel, F. (1973). "A Model-Driven Question Answering System for Mixed-Initiative Computer Assisted Instruction," *IEEE Transactions on Systems, Man and Cybernetics*.

Brown, J. S. (1973). "Steps Toward Automatic Theory Formation," *Proceedings of the International Joint Conference on Artificial Intelligence*.

Brown, J. S., and Rubenstein, R. (1973). *Recursive Functional Programming for Students in the Humanities and Social Sciences*. Irvine, CA: School of Social Sciences, University of California, #18. Call Number: LL **H31 C3 no. 18**

Brown, J. S., Burton, R. R., and Zdybel, F. (1972). *A Model Driven Question-Answering System for a CAI Environment*. Irvine, CA: Dept. of Information and Computer Science, University of California, Irvine, #13. Call Number: **SL Z699 C3 no. 13**

Inventions & Patents

Digital Highlight Color Copier. Patents pending

Relabeling of tokenized symbols in fontless structured document image representations. USP 6,275,301. August 2001.

Using fontless structured document image representations to render displayed and printed documents at preferred resolutions. USP 6,011,905. January 2000.

Method and apparatus for supplementing significant portions of a document selected without document image decoding with retrieved information. USP 5,748,805. September 1998.

Digital Imaging System using two-dimensional input sensor array and output light valve. USP 5,627,662. May 1997.

Document Copy Authentication, USP 5,157,726. October 1992

Selective Interviews & Podcasts

Brown, J. S. on Web 2.0 and the Culture of Learning with Steve Hargadon, January 10, 2007 - <http://www.stevehargadon.com/2007/01/john-seely-brown-on-web-20-and-culture.html>

An interview with John Seely Brown (1999) by Lawrence M. Fisher. *Strategy & Business*, Issue 17: 86-95.

Future Talk: Conversations About Tomorrow (1998) by Larry King with Pat Piper. HarperCollins: 235-246.

Special Activities, Congressional Testimony and Media Presence

ACM Newell Award Committee, 2000-2006

Judge, Merrill Lynch Forum's Innovation Grants Competition 1998, 1999, 2000

Judge, Harvard Business Review McKinsey Award, 1998

Congressional Testimony, "Capitalizing on the Nation's Knowledge: Making Use of What We Know," before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science and Transportation, United States Senate, Washington, DC, September 15, 1989.

Congressional Testimony, "The Impact of the Information Age on the Conduct and Communications of Science," before the Committee on Science and Technology, Washington, DC, September 1985.

Member of Research Briefing Panel for White House Science Advisors on Cognitive Science and Artificial Intelligence, National Academy of Sciences, Washington, DC June 27-28, 1983.

Co-Chairman, Research Panel on Information Technology in PreCollege Education, National Academy of Sciences, Washington, DC, August 1984.

Guest on MacNeil-Lehrer Report: Computers in the Classroom, July 8, 1982.

Congressional Testimony, "Computers in a Learning Society," before the Committee on Science and Technology, Washington, DC, October, 1977.

Honors, Honorary Degrees, Awards, Societies & Current Corporate Affiliations

Honorary Doctorates

University of Michigan, Honorary Doctor of Science, April 30, 2005

Claremont Graduate University, Honorary Doctor of Humane Letters, May 15, 2004

London Business School, University of London, Honorary Doctor of Science in Economics, July 5, 2001.

Brown University, Honorary Doctor of Science, May 29, 2000.

Honors

Industry Hall of Fame – Inducted November 2004

Citation of Excellence, Emerald Management Review, for authoring one of the top fifty management articles of 2003: "Local Knowledge: Innovation in the Networked Age" Management Learning, Vol. 33, No. 4, 2003.

National Associate of the National Academics, 2003

Software Development Forum Visionary Award, 2002

Fellow, The Batten Institute, Darden Graduate School of Business Administration, University of Virginia, 2002

Director's Award for exemplary service to the Central Intelligence Agency and the Intelligence Community as a member of the In-Q-Tel Board of Trustees from 1999 to 2001, awarded by Director of Central Intelligence, December 2001

Fellow, American Association for the Advancement of Science, 2001

Fellow, International Leadership Forum, 2001.

Harvard Business Review 2001 McKinsey Award for the articles "Your Next IT Strategy"

Senior Fellow, the Design Futures Council, December, 2000.

Brown University 100 most distinguished alumni of the 20th century.

Teleos and Work Frontiers International Ten Most Admired Knowledge Leaders, 2000.

Fellow, International Academy of Management, June 1998.

Harvard Business School Service Award, 1998.

Winner of the 1998 Industrial Research Institute Medal for outstanding accomplishments in technological innovation.

Winner of the Holland Award in recognition of the best paper published in *Research Technology Management Magazine* in 1998 ("Seeing Differently: A Role for Pioneering Research").

Fellow, World Economics Forum, 1994-1998.

Bronze Medal: Ethnic/Cultural Film and Video Production 1994, Worldfest '94, The Charleston International Film Festival, for the videotape "Art * Lunch * Internet * Dinner."

Harvard Business Review 1991 McKinsey Award for the article “Research that Reinvents the Corporation.”

Fellow, American Association for Artificial Intelligence, 1990.

Board of Directors – Public Companies

Amazon.com, 2004 – <http://www.amazon.com>

Polycom, Inc., 1999 – <http://www.polycom.com/home/>

Varian Medical Systems, 1999 – <http://www.varian.com/>

Corning Incorporated, 1995 – <http://www.corning.com/>

Board of Directors – Private Companies

Diode Solutions, 2005 – <http://www.diodesolutions.com/>

Acuitus, 2003 – <http://www.acuitus.com/>

Cassatt Corporation, 2003 – <http://www.cassatt.com>

Beck Construction, 1999 – <http://thebeckgroup.com>

Board of Trustees - Not-for-Profit Organizations

Brown University, 2001- <http://www.Brown.edu>

The John D. and Catherine T. MacArthur Foundation, 2000-
<http://www.macfound.org/site/c.lkLXJ8MQKrH/b.855229/k.CC2B/Home.htm>

In-Q-Tel, 1999- <http://www.in-q-tel.com/>

Founder

Founder, Institution for Research on Learning - <http://www.irl.org>

Founding Co-Director, MEMS Industry Group -
<http://www.memsiindustrygroup.org/>

Advisory Boards - Companies

Nanostellar, 2004- <http://www.nanostellar.com>

Ambient Devices, Advisory Board 2004- <http://www.ambientdevices.com>

Samsung Advanced Institute of Technology's Science Advisory Board, 2004-

Groxis, Technical & Strategy Advisory Board, 2004-
<http://www.n2tec.org/partners/groxis.asp>

Forstmann Little & Co., Advisory Board, 2000-

General Motors, Science Advisory Committee, 1999-2005

E.M. Warburg Pincus & Co., Inc. Technical Advisory Board, 1989-

Advisory Boards - Institutions

Singapore's Scientific Advisory Board of the New National Research Foundation, 2006

Humanities, Arts, Science and Technology Advanced Collaboratory Advisory Board, 2004-

Art Center College of Design, Media Design Program Brain Trust, 2004-

Stanford Project on Regions of Innovation and Entrepreneurship, Advisory Board, 2004

Brown University Advisory Council on Computing & Information Technology, 2004

National Center for Atmospheric Research, Advisory Council, 2003-

University of California at Santa Barbara, Center for Information and Technology in Society, Advisory Board, 2003-

Berkeley Institute of Design, Executive Board, 2002

Banco Bilbao Vizcaya Argenteria Foundation, 2001

Santa Clara University, Center for Science, Technology and Society Advisory Board, 1999-

University of California, Berkeley, Industrial Advisory Board, Dept. of Electrical Engineering and Computer Sciences, Berkeley, CA, 1997-

Massachusetts Institute of Technology Corporation, Corporation Visiting Committee for Architecture and Media Arts and Sciences, Cambridge, MA, 1995-

Professional Society Memberships:

American Physical Society - <http://www.aps.org>

American Association for Artificial Intelligence - <http://www.aaai.org>

American Association for the Advancement of Science - <http://www.aaas.org>

Association for Computing Machinery - <http://www.acm.org>

International Academy of Management - <http://www.intam.co.uk/>

National Academy of Education - <http://www.naeducation.org/>

Current Editorial Boards:

International Journal of Management Concepts and Philosophy

MIT Sloan Management Review

About John Seely Brown & Web Presence

John Seely Brown - www.johnseelyBrown.com/

Architecting School 2.0 - <http://www.speedofcreativity.org/2007/01/21/architecting-school-20/>

Urges Shift in Engineering School - <http://www.itworld.com/Career/3710/061201schoolshift/pfindex.html>

Wikipedia Entry - http://en.wikipedia.org/wiki/John_Seely_Brown

John Seely Brown has 33 books on Goodreads with 12944 ratings. John Seely Brown's most popular book is *The Power of Pull: How Small Moves, Smartly Made*. Books by John Seely Brown. John Seely Brown Average rating 3.87 · 3,843 ratings · 243 reviews · shelved 12,944 times. Showing 30 distinct works. « previous 1 2 next ».

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