

R. KEITH SAWYER

TITLE Associate Professor

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EDUCATION

University of Chicago, Chicago, IL
Ph.D., Psychology, 1994
A. M., Human Development, 1992

Massachusetts Institute of Technology, Cambridge, MA
S. B., Computer Science, 1982

ACADEMIC EMPLOYMENT

2003 – present: **Associate Professor**, Department of Education, Washington University.

1996 – 2003: **Assistant Professor**, Department of Education, Washington University.

2007 – present: **Adjunct Associate Professor**, Olin School of Business, Washington University.

1997 – present: **Adjunct Associate Professor**, Department of Psychology, Washington University.

1997 – present: **Affiliated Professor**, Philosophy-Neuroscience-Psychology Program, Washington University.

1997 – 2006: **Affiliated Professor**, Social Thought and Analysis Program, Washington University.

1999 – present: **Affiliated Professor**, Central Institute for the Deaf, St. Louis, MO.

1995 – 1996: **Postdoctoral Fellow in Developmental Research**, Department of Psychology, University of California, Santa Cruz.

1996: **Lecturer**, University of California, Santa Cruz.

1993 – 1995: **Lecturer**, University of Chicago.

FELLOWSHIPS, GRANTS, AND AWARDS

- 2009: Osher Fellowship, San Francisco Exploratorium.
- 2009 – 2010: Andrew W. Mellon Foundation Sawyer Seminar series: How Deep Is the Ocean: The Rise and Fall of Jazz as Popular Music. Co-PI with Dr. Gerald Early, Department of English, Washington University. \$150,000
- 2007 – present: National Science Foundation, Solicitation Number NSF-06-608: CPATH T: Active Learning for Transformation of the Undergraduate Experience. Co-PI with Dr. Kenneth Goldman, Department of Computer Science, Washington University. \$562,987
- 2007 – present: National Science Foundation, Solicitation Number NSF-06-536: An Analysis of Discourse in Peer-Led Team Learning. Co-PI with Dr. Regina Frey, Department of Chemistry, Washington University. \$150,000.
- 2007 – present: Social Sciences and Humanities Research Council, Canada: Improvisation, Community, and Social Practice. Research Collaborator. PI Ajay Heble, Department of English, University of Guelph. CAN\$2,488,619.
- 2006: Graduate School of Arts and Sciences, “Special Recognition for Excellence in Mentoring, 2005-2006.”
- 2005: Kauffman Foundation. Delegate Fellow to the Experiential Classroom, Syracuse University. \$3,000.
- 2005: Skandalaris Center, Washington University, course enhancement grant (funded by the Kauffman Foundation): \$12,082.
- 2005: Washington University Center for Inquiry in Science Teaching and Learning: Grant to support editorial work on the *Cambridge Handbook of the Learning Sciences*. \$7,313.
- 2005: Graduate School of Arts and Sciences, “Special Recognition for Excellence in Mentoring, 2004-2005.”
- 2004: Department of Education “Chair’s Choice Award for Department Service.”
- 2004: Nominee for the Arts and Sciences Student Council Faculty Award.
- 2003 – 2006: National Science Foundation, Solicitation Number NSF-02-082: An Interactive Learning Environment for Introductory Computer Science. Co-PI with Kenneth Goldman, Computer Science Department, Washington University. \$595,338.
- 2001: Washington University Faculty Research Grant. \$5,840.
- 2000: National Academy of Education/Spencer Postdoctoral Fellowship. \$45,000.
- 1998: Lilly Fellowship for new course development for Spring 1998 semester “Educational Psychology.” Washington University Teaching Center.
- 1996: Mouton d’Or Award for the best article in *Semiotica* in 1996 for “The semiotics of improvisation: The pragmatics of musical and verbal performance.”
- 1996: AERA Division E Outstanding Dissertation Award (Human Development).
- April, 1996: Zora Neale Hurston Fellowship, Institute for Advanced Study and Research in the African Humanities, Northwestern University.

OTHER PROFESSIONAL EXPERIENCE

Senior Consultant, August 1994 - August 1995

Culpeper Consulting Group, New York, NY. Project manager at Citicorp for CCMP, a custom software application for tracking global securities, with team members in London and in New York.

Principal Manager, March 1984 - September 1990; part-time consulting 1991-1993

Kenan Systems Corporation, Cambridge, MA; New York, NY. Information technology management consulting, with expertise in artificial intelligence, transaction processing, and decision support systems. Responsibilities included marketing, client relations, system design, and project management. Clients included Citicorp, U. S. Postal Service, and U. S. West.

Project Manager, January 1982 - March 1984

General Computer Corporation, Cambridge, MA. Videogame design for Atari. Creator and lead designer of *Neon* and *Magician* (arcade games not produced); lead designer of *Food Fight* (7800 home cartridge adaptation of original arcade game); credit on *Ms. Pacman* (2600 home cartridge adaptation).

PUBLICATIONS

Books

Sawyer, R. K. (2007). *Group genius: The creative power of collaboration*. New York: BasicBooks. Reviewed in *CFO Magazine*, *Financial Executive Magazine*, *The Guardian*, *Publisher's Weekly*, *Science News*, *Shanghai Daily*. Selected as the Best Business Book of 2007 on Innovation by 1-800-CEO-READ; Best Business Book of 2007 in Management/Leadership by *The Library Journal*. Audio book by Gildan Audio. Translations: Complex Chinese (Taiwan), Simplified Chinese (PRC), Japanese, Korean

Sawyer, R. K. (Editor). (2006). *Cambridge handbook of the learning sciences*. New York: Cambridge University Press. Reviewed in *British Journal of Psychiatry*, *PsycCritiques*. Translations: Japanese, Simplified Chinese

Sawyer, R. K. (2006). *Explaining creativity: The science of human innovation*. New York: Oxford University Press. Reviewed in *Psychology of Aesthetics, Creativity, and the Arts*. Translations: Korean

Sawyer, R. K. (2005). *Social emergence: Societies as complex systems*. New York: Cambridge University Press. Reviewed in *Canadian Journal of Sociology*, *Journal of Artificial Societies and Social Simulation*, *Kenner Zeitschrift fur Soziologie und Sozialpsychologie* [German]

Sawyer, R. K., John-Steiner, V., Moran, S., Sternberg, R., Feldman, D. H., Csikszentmihalyi, M., Nakamura, J. (2003). *Creativity and development*. New York: Oxford University Press. Reviewed in *American Journal of Psychology*

- Sawyer, R. K. (2003). *Group creativity: Music, theater, collaboration*. Mahwah, NJ: Erlbaum. Reviewed in *American Journal of Sociology*, *Choice*, *European Journal of Work and Organizational Psychology*, *Personnel Psychology*, *Theatre Topics*
- Sawyer, R. K. (2003). *Improvised dialogues: Emergence and creativity in conversation*. Westport, CT: Greenwood. Reviewed in *Language in Society*
- Sawyer, R. K. (2001). *Creating conversations: Improvisation in Everyday Discourse*. Cresskill, NJ: Hampton Press, Inc. Reviewed in *Journal of Pragmatics*
- Sawyer, R. K. (Ed.). (1997). *Creativity in performance*. Greenwich, CT: Ablex.
- Sawyer, R. K. (1997). *Pretend play as improvisation: Conversation in the preschool classroom*. Mahwah, NJ: Lawrence Erlbaum Associates. Reviewed in *British Journal of Developmental Psychology*, *Child Development Abstracts and Bibliography*, *Choice*, *Theory and Psychology*

Journal articles

- Sawyer, R. K. (in press). The collaborative nature of innovation. To appear in *Journal of Law and Policy*.
- *Sawyer, R. K. and DeZutter, S. (in press). Distributed creativity: How collective creations emerge from collaboration. To appear in *Psychology of Aesthetics, Creativity, and the Arts*.
- Sawyer, R. K. (2008a). Creativity, innovation, and nonobviousness. *Lewis & Clark Law Review*, 12(2), 461-487.
- *Sawyer, R. K. (2008b). Learning music from collaboration. *International Journal of Educational Research*, 47 (50-59).
- Sawyer, R. K. (2007). Improvisation and teaching. Invited contribution published as a "Notes and Opinions" piece in the "Special Issue on Improvisation and Pedagogy" of *Critical Studies in Improvisation*, 3(2).
- *Scribner, J. P., Sawyer, R. K., Watson, S. T., & Myers, V. (2007). Teacher teams and distributed leadership: A study of group creativity and collaboration. *Educational Administration Quarterly*, 43(1), 67-100.
- *Sawyer, R. K. (2006a). Educating for innovation. *Thinking Skills and Creativity*, 1(1), 41-48.
- *Sawyer, R. K. (2006b). Group creativity: Musical performance and collaboration. *Psychology of Music*, 34(2), 148-165.
- *Sawyer, R. K. (2004a). Creative teaching: Improvisation in the constructivist classroom. *Educational Researcher*, 33(2), 12-20.
- *Sawyer, R. K. (2004b). Improvised lessons: Collaborative discussion in the constructivist classroom. *Teaching Education*, 15(2), 189-201.
- *Sawyer, R. K. (2004c). The mechanisms of emergence. *Philosophy of the Social Sciences*, 34(2), 260-282. Special issue: "Systems and mechanisms: A

- symposium on Mario Bunge's philosophy of social science." Guest Editor: Andreas Pickel.
- *Sawyer, R. K. (2004d). Social explanation and computational simulation. *Philosophical Explorations*, 7(3), 219-231. Special issue: "The social explanation of action." Guest editors: Stefan Cuypers and Robrecht Vanderbeeken.
- *Sawyer, R. K. and Berson, S. (2004). Study group discourse: How external representations affect collaborative conversation. *Linguistics and Education*, 15, 387-412.
- Sawyer, R. K. (2003a). Archäologie des Diskursbegriffs. *Das Argument*, 249, 48-62. (German translation of Sawyer, 2002a.)
- *Sawyer, R. K. (2003b). Artificial societies: Multi agent systems and the micro-macro link in sociological theory. *Sociological Methods and Research*, 31(3), 325-363.
- Sawyer, R. K. (2003c). Coherence in discourse: Suggestions for future work. *Human Development*, 46(4), 189-193. (Invited commentary on article by E. T. Levy)
- *Sawyer, R. K. (2003d). Nonreductive individualism, Part II: Social causation. *Philosophy of the Social Sciences*, 33(2), 203-224.
- *Sawyer, R. K. (2002a). A discourse on discourse: An archeological history of an intellectual concept. *Cultural Studies*, 16(3), 433-456.
- *Sawyer, R. K. (2002b). Durkheim's dilemma: Toward a sociology of emergence. *Sociological Theory*, 20(2), 227-247.
- *Sawyer, R. K. (2002c). Emergence in psychology: Lessons from the history of non-reductionist science. *Human Development*, 45, 2-28.
- *Sawyer, R. K. (2002d). Improvisation and narrative. *Narrative Inquiry*, 12(2), 319-349.
- Sawyer, R. K. (2002e). Improvizačné predstavenie v každodennom živote. *Biograf*, 27, 17-28. (Czech translation of Sawyer, 2001b; ISSN 1211-5770.)
- Sawyer, R. K. (2002f). The new anthropology of children, play, and games. *Reviews in Anthropology*, 31(2), 147-164.
- *Sawyer, R. K. (2002g). Nonreductive individualism, Part I: Supervenience and wild disjunction. *Philosophy of the Social Sciences*, 32(4), 537-559.
- *Sawyer, R. K. (2002h). Unresolved tensions in sociocultural theory: Analogies with contemporary sociological debates. *Culture & Psychology*, 2002, 8(3), 283-305.
- *Sawyer, R. K. (2001a). Emergence in sociology: Contemporary philosophy of mind and some implications for sociological theory. *American Journal of Sociology*, 107(3), 551-585.
- *Sawyer, R. K. (2001b). The improvisational performance of everyday life. *Journal of Mundane Behavior*, 2(2). On-line journal available at www.mundanebehavior.org.
- *Moss, S., Sawyer, R. K., Conte, R., and Edmonds, B. (2001). Sociology and social theory in agent based social simulation: A symposium. *Computational and Mathematical Organization Theory*, 7(3), 183-205.
- Sawyer, R. K. (2000a). Improvisation. *Journal of Linguistic Anthropology* special issue, "Lexicon for the New Millennium," 9(1-2), 121-123. Reprinted in Duranti,

- A. (Ed.). 2001. *Key terms in language and culture* (pp. 116-118). Oxford: Blackwell.
- *Sawyer, R. K. (2000b). Improvisation and the creative process: Dewey, Collingwood, and the aesthetics of spontaneity. *The Journal of Aesthetics and Art Criticism*, 58(2), 149-161.
- Sawyer, R. K. (2000c). Improvisational cultures: Collaborative emergence and creativity in improvisation. Commentary on lead article by Howard Becker, "The etiquette of improvisation." *Mind, Culture, and Activity*, 7(3), 180-185.
- *Sawyer, R. K. (1999a). The emergence of creativity. *Philosophical Psychology*, 12(4), 447-469.
- Sawyer, R. K. (1999b). Improvised conversations: Music, collaboration, and development. *Psychology of Music*, 27, 192-205.
- Sawyer, R. K. (1999c). Moving forward: Issues for future research in improvisation and education. *Psychology of Music*, 27, 215-216.
- *Sawyer, R. K. (1998). The interdisciplinary study of creativity in performance. *Creativity Research Journal*, 11, 11-19.
- *Sawyer, R. K. (1996a). Role voicing, gender, and age in preschool play discourse. *Discourse Processes*, 22, 287-305.
- *Sawyer, R. K. (1996b). The semiotics of improvisation: The pragmatics of musical and verbal performance. *Semiotica*, 108(3/4), 269-306.
- *Sawyer, R. K. (1995a). Creativity as mediated action: A comparison of improvisational performance and product creativity. *Mind, Culture, and Activity*, 2, 172-191.
- Sawyer, R. K. (1995b, March). Linguistic anthropology—and ourselves. *Anthropology Newsletter*, 36(3), 27-28.
- *Sawyer, R. K. (1993). The pragmatics of play: Interactional strategies during children's pretend play. *Pragmatics*, 3, 259-282.
- *Sawyer, R. K. (1992). Improvisational creativity: An analysis of jazz performance. *Creativity Research Journal*, 5, 253-263.

*Asterisk indicates a peer-reviewed article.

Book chapters

- Sawyer, R. K. (in press-a). Improvisational Creativity as a Model for Effective Learning. To appear in *Improvisation: Between Technique And Spontaneity*, edited by Luca Illetterati and Marina Santi. To be published by Cambridge Scholars Publishing.
- Sawyer, R. K. (in press-b). Interpreting and understanding simulations. To appear in *Simulating social complexity*, edited by Bruce Edmonds and Scott Moss. Springer.
- Sawyer, R. K. (in press-c). Writing as a collaborative act. To appear in *The psychology of creative writing*, edited by Scott Barry Kaufman and James Kaufman. Cambridge University Press.
- Sawyer, R. K. (2009a). Creativity. In *Handbook of Contemporary Education*, edited by Jürgen Oelkers. Published in German by Beltz Verlag.

- Sawyer, R. K. (2009b). The richness of play research. In Clark, C. D. (Ed.), *Transaction at Play: Play & Culture Studies, Volume 9* (pp. 63-65). Lanham, MD: University Press of America.
- Sawyer, R. K. (2009c). The science of social emergence. In Trajkovski, G., & Collins, S. G. (Eds.) *Agent-Based Societies: Social and Cultural Interactions* (pp. 1-16). Hershey, PA: Idea Group Inc.
- Greeno, J., & Sawyer, R. K. (2008). Situativity and learning. In Robbins, P., & Aydede, M. (Eds.), *The Cambridge Handbook of Situated Cognition* (pp. 347-367). New York: Cambridge University Press.
- Sawyer, R. K. (2007-a). Foreword. In Lobman, C., & Lundquist, M. *Unscripted learning: Using improv activities across the K-8 curriculum*. New York: Teacher's College Press.
- Sawyer, R. K. (2007-b). Simulating complexity. In W. Outhwaite & S. P. Turner (Eds.), *The Sage handbook of social science methodology* (pp. 316-332). Thousand Oaks: Sage.
- Sawyer, R. K., and DeZutter, S. (2007). Improvisation: A lens for play and literacy research. In K. Roskos & J. Christie (Eds.), *Play and literacy in early childhood: Research from multiple perspectives* (pp. 21-36). Mahwah, NJ: Erlbaum.
- Sawyer, R. K. (2006a). Analyzing collaborative discourse. In R. K. Sawyer (Ed.), *Cambridge Handbook of the Learning Sciences* (pp. 187-204). New York: Cambridge.
- Sawyer, R. K. (2006b). Complexity and emergence. In G. Ritzer (Ed.), *Encyclopedia of Social Theory* (pp. 633-636). Oxford: Blackwell.
- Sawyer, R. K. (2006c). Conclusion: The school of the future. In R. K. Sawyer (Ed.), *Cambridge Handbook of the Learning Sciences* (pp. 567-580). New York: Cambridge.
- Sawyer, R. K. (2006d). Improvisation and narrative. In R. Parker-Rees and J. Willan (Eds.), *Early Years Education (Major Themes in Education Series)* (pp. 351-377). London: Routledge. Reprint of Sawyer, 2002d, "Improvisation and narrative."
- Sawyer, R. K. (2006e). Introduction: The new science of learning. In R. K. Sawyer (Ed.), *Cambridge Handbook of the Learning Sciences* (pp. 1-16). New York: Cambridge.
- Sawyer, R. K. (2005a). Acting. In J. C. Kaufman and J. Baer (Eds.), *Creativity across domains: Faces of the muse* (pp. 41-57). Mahwah, NJ: Erlbaum.
- Sawyer, R. K. (2005b). Music and conversation. In Miell, D. E., MacDonald, R., & Hargreaves, D. *Musical Communication* (pp. 45-60). New York: Oxford.
- Sawyer, R. K., Scribner, J. P., Watson, S. T., & Myers, V. L. (2005b). Talking leadership: Conversation analysis and distributed leadership. In W. K. Hoy & C. G. Miskel (Eds.), *Educational leadership and reform* (pp. 169-185). Greenwich, CT: Information Age Publishing.
- Sawyer, R. K. (2003a). Evaluative processes during group improvisational performance. In M. A. Runco (Ed.), *Critical creative processes* (pp. 303-327). Cresskill, NJ: Hampton Press.
- *Sawyer, R. K. (2003b). Levels of analysis in pretend play discourse: Metacommunication in conversational routines. In D. E. Lytle (Ed.), *Play and*

- educational theory and practice (Play and Culture Studies, Volume 5)* (pp. 137-157). Westport, CT: Greenwood.
- Sawyer, R. K. (2001a). Play as improvisational rehearsal: Multiple levels of analysis in children's play. In A. Göncü and E. L. Klein (Eds.), *Children in play, story, and school* (pp. 19-38). New York: Guilford.
- *Sawyer, R. K. (2001b). Simulating Emergence and Downward Causation in Small Groups. In S. Moss and P. Davidsson (Eds.), *Multi Agent Based Simulation* (pp. 49-67). Berlin: Springer-Verlag.
- Sawyer, R. K. (1999). Improvisation. Entry in the *Encyclopedia of creativity* (pp. 31-38). San Diego, CA: Academic Press.
- Sawyer, R. K. (1997). Improvisational theater: An ethnotheory of conversational practice. In R. K. Sawyer (Ed.), *Creativity in performance* (pp. 171-193). Greenwich, CT: Ablex.
- *Sawyer, R. K. (1995). A developmental model of heteroglossic improvisation in children's fantasy play. In A. Ambert (Ed.), *Sociological Studies of Children, Volume 7* (pp. 127-153). Greenwich, CT: JAI Press.
- Csikszentmihalyi, M., & Sawyer, R. K. (1995a). Creative insight: The social dimension of a solitary moment. In R.J. Sternberg and J.E. Davidson (Eds.), *The nature of insight* (pp. 329-363). Cambridge, MA: MIT Press.
- Csikszentmihalyi, M., & Sawyer, R. K. (1995b). Shifting the focus from individual to organizational creativity. In C.M. Ford and D.A. Gioia (Eds.), *Creative action in organizations: Ivory tower visions and real world voices* (pp. 167-173). Thousand Oaks, CA: Sage Publications.
- *Sahin, K., & Sawyer, R. K. (1989). The intelligent banking system. In H. Schorr & A. Rappaport (Eds.), *Innovative applications of artificial intelligence* (pp. 43-50). Cambridge, MA: MIT Press.

*Asterisk indicates a peer-reviewed book chapter.

Works in progress

- Under contract and in preparation. *The teaching paradox: Creativity in the classroom* [edited book]. Cambridge University Press.
- In preparation. *The schools of the future: Creativity and Learning in the 21st Century* [book].
- In preparation. Complexity and emergence. To appear in *The Concise Blackwell Encyclopedia of Sociology*, edited by George Ritzer and J. Michael Ryan. Under contract with Blackwell.
- In preparation. Emergence, complexity, and the future of sociology. To appear in German translation in a book edited by Jens Greve and Annette Schnabel.
- In preparation. Conversation as mechanism: Emergence in creative groups. To appear in *From Social Mechanisms to Analytical Sociology*, edited by Pierre Demeulenaere. Under contract with Cambridge University Press.
- In preparation. Learning the big ideas of computer science (with Ken Goldman). To appear in *Educational dialogues: Understanding and promoting productive*

- interaction*, edited by Karen Littleton and Christine Howe. Under contract with Taylor & Francis.
- In preparation. Learning for creativity. To appear in *Creativity in the Classroom*, edited by Ron Beghetto and James Kaufman. Under contract with Cambridge University Press.
- In preparation. Individual versus group creativity. To appear in *The Cambridge Handbook of Creativity*, edited by J. C. Kaufman and R. J. Sternberg. Under contract with Cambridge University Press.
- In preparation. Qualitative methodologies for studying small groups. To appear in *The International Handbook of Collaborative Learning*, edited by Cindy Hmelo-Silver, Angela O'Donnell, Carol Chan, and Clark Chinn. Under contract with Taylor & Francis.

BOOK REVIEWS AND REVIEW ESSAYS

- Sawyer, R. K. (2008a). Conversations with exceptional creators. Review of Meyers & Gerstman (Eds.), *Creativity: Unconventional wisdom from 20 accomplished minds*. *PsycCRITIQUES—Contemporary Psychology: APA Review of Books*, 53 (No. 17), Article 7.
- Sawyer, R. K. (2008b). Howard Gardner's recommendations for the future. Review of Howard Gardner, *Five minds for the future*. Boston, MA: Harvard Business School Press. *American Journal of Psychology*, 121(4).
- Sawyer, R. K. (2008c). How creative contributions emerge over the lifespan. Review of Feinstein, *The Nature of Creative Development*. *Mind, Culture, and Activity*, 15(3), 263-265.
- Sawyer, R. K. (2007a). Review of Carter, Ronald, *Language and creativity: The art of common talk*. *Language in Society*, 36(2), 270-274.
- Sawyer, R. K. (2007b). Review of Diego Gambetta and Heather Hamill, *Streetwise: How Taxi Drivers Establish Customers' Trustworthiness*. New York: Russell Sage Foundation, 2005. *American Journal of Sociology*, 113(2), 554-556.
- Sawyer, R. K. (2007c). Review of Peter Hedström, *Dissecting the Social: On the Principles of Analytic Sociology*. Cambridge, UK: Cambridge University Press, 2005. *The Philosophy of the Social Sciences*, 37, 255-260.
- Sawyer, R. K. (2006). The Montessori method and the learning sciences. Review of Lillard, A. S. *Montessori: The science behind the genius*. *PsycCRITIQUES—Contemporary Psychology: APA Review of Books*, 51 (No. 24), Article 11. Accessible at <http://www.psycinfo.com/psyccritiques/>
- Sawyer, R. K. (2005). Review of Egan, Kieran, *An imaginative approach to teaching*. *Teacher's College Record*, 107(11). Accessible at <http://www.tcrecord.org>, ID number 11898.
- Sawyer, R. K. (2004a). Brainstorming: Using groups to generate ideas. Review of Paulus, Paul B. and Nijstad, Bernard A. (Ed.), *Group creativity: Innovation through collaboration*. *PsycCRITIQUES*, 49(supplement 14).
- Sawyer, R. K. (2004b). The narrative turn and psychology. Review of Green, Melanie C., Strange, Jeffrey J., and Brock, Timothy C. (Eds.) *Narrative impact: Social and cognitive foundations*. *Contemporary Psychology*, 49(6), 719-721.

- Sawyer, R. K. (2004c). Positive psychology and the critique of capitalism. Review of Tim Kasser, *The high price of materialism*. *Contemporary Psychology*, 49(2), 231-234.
- Sawyer, R. K. (2002a). Toward a positive psychology: Review of Edward C. Chang (Ed.), *Optimism and pessimism: Implications for theory, research, and practice*. *Contemporary Psychology*, 47, 691-693.
- Sawyer, R. K. (2002b). Review of Paul Dourish, *Where the action is: The foundations of embodied interaction*. *Philosophical Psychology*, 15, 572-575.
- Sawyer, R. K. (2001). Review of Jack Goody, *The power of the written tradition*. *Written Language and Literacy*, 5, 127-134.
- Sawyer, R. K. (2000). Connecting culture, psychology, and biology: Essay review on Inghilleri's *From subjective experience to cultural change*. *Human Development*, 43, 56-59.
- Sawyer, R. K. (1998). Review of Elinor Ochs, Emanuel A. Schegloff, and Sandra Thompson (Eds.), *Interaction and grammar*. *Journal of Linguistic Anthropology*, 8(2).
- Sawyer, R. K. (1997a). Review of Bonnie A. Nardi (Ed.), *Context and consciousness: Activity theory and human-computer interaction*. *Philosophical Psychology*, 10, 245-248.
- Sawyer, R. K. (1997b). Review of Margaret Boden (Ed.), *Dimensions of creativity*. *Theory and Psychology*, 7, 138-140.
- Sawyer, R. K. (1996a). On Berliner's *Thinking in jazz: The infinite art of improvisation*. *Creativity Research Journal*, 9, 283-285.
- Sawyer, R. K. (1996b). A new direction for the philosophy of science: On Crease's *The play of nature: Experimentation as performance*. *Creativity Research Journal*, 9, 279-282.
- Sawyer, R. K. (1994). On Raffel's critique of *Artists All*. *Creativity Research Journal*, 7, 219-220.
- Sawyer, R. K. (1993). He blinded me with science. Review of Colin Martindale, *The clockwork muse: The predictability of artistic change*. *Creativity Research Journal*, 6, 461-464.
- Sawyer, R. K. (1992). Literature as a metaphor for the creative process. Review of Burton Raffel, *Artists all: Creativity, the university, and the world*. *Creativity Research Journal*, 5, 321-322.

RESEARCH REPORTS

- Sawyer, R. K. (2008). *Creativity, innovation, and imagination as a gateway to knowledge and learning*. Bristol, UK: Futurelab, for the UK Department for Children, Schools, and Families.
- Sawyer, R. K. (2008). *Optimizing learning: Implications of learning sciences research*. Paris, France: OECD/CERI.
- Sawyer, R. K. (2001). *The Internet freight train: Are schools ready for eEducation companies?* Chicago, IL: Raine Education Group.

INVITED PRESENTATIONS AND KEYNOTE TALKS

Presentations to corporations and associations are not included in this list.

Invited Keynote Speaker, The Old Brand New Lecture Series, Amsterdam: “What’s New?” September 15, 2009.

Invited Keynote Speaker, Creative Problem Solving Institute, The Revolution of Creativity: “Group Genius.” Boston, MA, June 23, 2009.

Invited Keynote Speaker, Learning and the Brain conference, The Creative Brain: Using Brain Research on Creativity & the Arts to Improve Learning: “Education for Innovation: Creative Teaching and Learning for the 21st Century.” Washington, DC, May 8, 2009.

Invited speaker, University of Kansas: “Group Genius.” April 23, 2009.

Invited speaker, Stanford University, The 4th Annual Symposium on Music and the Brain: “Improvisational Creativity: The Genius of the Group.” April 18, 2009.

Invited Keynote Speaker, Alden B. Dow Creativity Center, Northwood University, Midland MI, 20th Annual International Creativity Conference: “Educating for Innovation”. April 2, 2009.

Invited Keynote Speaker, Savannah College of Art and Design, MUSE Conference (Measuring Unique Studies Effectively). “The search for creativity.” February 9, 2009.

Invited speaker, San Francisco Exploratorium, “Meet the Minds” series: “Group genius.” September 18, 2008.

Invited speaker, National Science Foundation, Washington DC: “Improvisation and learning.” At the workshop Art, Creativity, and Learning, June 11-13, 2008.

Invited Keynote Speaker, Rochester Institute of Technology: “Creativity, Innovation, and the New Sciences of Learning.” At the Faculty Institute on Teaching and Learning, May 28, 2008.

Invited Keynote Speaker, University of Padua: “Creative teaching and learning.” At the conference *Improvisation: Between Technique and Spontaneity*, May 20, 2008.

Invited Speaker, Washington University, Institute for Innovation and Growth: “Teaching innovation.” At the *Innovation Exchange*, May 9, 2008.

Invited Keynote Speaker, The Drexel Torrance Annual Lecture, Drexel University: “Collaborative Problem Solving.” May 5, 2008.

Invited Keynote Speaker, Columbia University: “Improvisational innovation.” April 18, 2008.

Invited Keynote Speaker, Washington University School of Law: “The Collaborative Nature of Innovation.” *Open-Source and Proprietary Models of Innovation: Beyond Ideology*, April 5, 2008.

Expert participant, OECD CERI project “Alternative Models of Learning” workshop. Bruges, Belgium. February 21-23, 2008.

Invited Speaker, Vanderbilt University, Department of Teaching and Learning: “Do groups exist?” February 1, 2008.

- Keynote Speaker, World Intellectual Property Organization, *International Conference on Intellectual Property and the Creative Industries*, Geneva, Switzerland. October 29-30, 2007.
- Invited Speaker, Center for the Application of Information Technology, St. Louis, MO. October 18, 2007
- Invited Speaker, Illinois College, Jacksonville, IL: "From Small Sparks to Big Ideas." October 11, 2007.
- Invited Speaker, Lewis & Clark College Law School, Portland, OR: "Creativity, Innovation, and Nonobviousness." *Nonobviousness: The Shape of Things to Come*, October 5-6, 2007.
- Keynote Speaker, University of New Mexico School of Engineering: "Creativity, Innovation, and the New Science of Learning." Presented at *The Presidential Inauguration Symposium Series: Educating for Innovation: Connecting UNM to the World's Challenges*, Albuquerque, NM: October 2, 2007.
- Keynote Speaker, National Science Foundation: Schools of the Future: The Importance of Creativity in Today's Global Innovation Society. Presented at *Discovery Research K-12 PI Meeting*, Washington, DC, September 10, 2007.
- ERM Distinguished Speaker, American Society for Engineering Education Annual Meeting, Honolulu, Hawaii: "Creativity, Innovation, and the New Sciences of Learning." June 24-27, 2007.
- Invited participant, Mini-Conference on Opportunity Discovery, Olin School of Business, April 30-May 1, 2007. Paper title: "Collaborative webs."
- Invited speaker, Conference on Emergence, Reduction, and the Explanation of Complex Structures, ZiF, University of Bielefeld, Germany: "Toward a New Social Science." January 24-26, 2007.
- Invited speaker, National Academies Center for Education, Washington DC: Identifying and Developing Talent in Science, Technology, Engineering, and Mathematics. September 26, 2006.
- Invited participant, National Science Foundation workshop, Washington DC: The Role of NSF in Advancing Informal Science Education for the General Public, and for K-16 Students and Teachers. June 12, 2006.
- Invited participant, National Science Foundation workshop, Washington DC: How do scientists and engineers discover and innovate? Division of Behavioral and Cognitive Sciences. May 17-18, 2006.
- Invited address, National Science Foundation, Washington DC: The schools of the future. Directorate for Education and Human Resources. March 31, 2006.
- Invited participant, LIFE Center Hot Topics Workshop, Stanford University. April 30-May 1 2005.
- Invited keynote address, Annual Meeting of Sempre, the Society for Education, Music, and Psychology Research, The Open University, Milton Keynes, UK: Group creativity: Musical performance and collaboration. April 2004.
- Invited speaker, New Directions in the Study of Musical Improvisation, University of Illinois. April 2004.
- Invited speaker, Challenges in Social Simulation (Agent2003) Conference, Chicago, IL: Assessing agent communication languages. October 2003. Published in Charles Macal, Michael North, and David Sallach (eds.), *Agent*

- 2003: Challenges in Social Simulation* (pp. 273-296). Argonne, IL: Argonne National Laboratory.
- Invited participant, Peer Interaction and Pragmatic Development exploratory seminar, Radcliff Institute for Advanced Study. May 2003.
- Social Agents: Ecology, Exchange, and Evolution (Agent2002) Conference, Chicago, IL: Moderator and discussant for "Varieties of emergence in social simulation," keynote talk by Nigel Gilbert.
- Central Institute for the Deaf, St. Louis, MO: Sociodramatic play as a rehearsal for adult conversation. April, 2002.
- University of Missouri, Columbia: Creating Conversations: Improvised Dialogues and Classroom Discourse. April, 2002.
- Invited keynote address, Storytelling Workshop, Kidstory project, Swedish Institute of Computer Science, Stockholm: Improvisation and narrative. June, 2000.
- Washington University, Program in Philosophy, Neuroscience, and Psychology: Bidirectional causation: Reconciling reductionism and emergence. February 2000.
- Indiana University, Department of Sociology: The collaborative creation of an improvised play: Emergence and downward causation across two levels of analysis. November 1999.
- Sociocultural science: Beyond reductionism and interpretivism. Paper presented at four locations in Fall, 1999:
- Clark University, Department of Psychology, October 1999.
 - Lehigh University, Department of Psychology, October 1999.
 - CUNY Ph.D. Program in Developmental Psychology, October 1999.
 - University of Pennsylvania, Graduate School of Education, November 1999.
- Invited Keynote address, Annual Meeting of the Society of Research in the Psychology of Music and Music Education, University of Reading, Reading, UK: Improvised conversations: Music, collaboration, and development. March, 1999.
- Parents as Teachers National Center, St. Louis, MO: Pretend play as improvisation. June, 1997.
- University of Wisconsin, National Center for Improving Science Education: The interdisciplinary study of group performance. November 1996.
- Central Institute for the Deaf, St. Louis, MO: Metacommunicative strategies in social pretend play. October 1996.
- Northwestern University, Institute for Advanced Study & Research in the African Humanities: Pretend play as improvisation: Practicing for everyday life. Zora Neale Hurston Fellow lecture. March, 1996.
- Xerox PARC, Human interaction reading group: Improvisational processes in musical performance and in conversation. December 1995.
- Stanford University, Knowledge Systems Laboratory: Patterns of interaction in preschool play and improvisational theater. December 1995.
- Clark University: Creativity as mediated action. Presented at the conference "Discourse and Mind: A workshop conference honoring Courtney Cazden," May 1995.
- Clark University, Discourse and Mind workshop: Pretend play as improvisation. March 1995.

- CUNY Graduate Center, Developmental Psychology program: Pretend play as improvisation. March 1995.
- University of Pennsylvania, Department of Psychology: The performance of pretend play. January 1994.
- Indiana University, Sociolinguistics workshop: A chorus of little voices: The intersection of language and social context in nursery school peer play. October 1993.

REFEREED CONFERENCE PRESENTATIONS

- Creativity in collaborative activity: a sociocultural perspective. EARLI 2009, Amsterdam, August 2009.
- Organizer and chair of panel "Educating for innovation." American Educational Research Association annual meeting, Chicago, IL, April 2007.
- Improvisation in everyday life. American Educational Research Association annual meeting, Chicago, IL, April 2007.
- Organizer and chair of panel "Moving forward: The learning sciences and the future of education." International Conference of the Learning Sciences, Bloomington, IN, June-July 2006.
- Organizer and chair of panel "The learning sciences and the future of education." American Educational Research Association annual meeting, San Francisco, April 2006.
- Organizer and chair of panel "Improvisational teaching." American Educational Research Association annual meeting, Montreal, April 2005.
- "Learning as we go": A study of teacher learning and leadership (with Sheldon T. Watson and Jay P. Scribner). American Educational Research Association annual meeting, Montreal, April 2005.
- Talk among teacher leaders: Illuminating distributed leadership through the application of discourse and conversation analysis (with Jay P. Scribner, Sheldon T. Watson, and Vicki L. Myers). American Educational Research Association annual meeting, Montreal, April 2005.
- Music and conversation. International Conference on Music Perception & Cognition, Northwestern University, Evanston, IL, August 2004.
- Teacher teams and school leadership: A study of group creativity and collaboration (with Jay Paredes Scribner). American Educational Research Association annual meeting, San Diego, April, 2004.
- Emergence and complexity: A new approach to social systems theory. American Sociological Association annual meeting, August, 2003.
- How collaboration works: Collaborative discourse and effective group learning. American Educational Research Association annual meeting, April, 2003 (accepted but unable to attend).
- Inseparability and emergence: Toward a new perspective on the relation between individuals and contexts. American Educational Research Association annual meeting, April, 2003 (accepted but unable to attend).
- The languages of emergence. Lake Arrowhead Conference on Computational Social Science and Social Complexity. May, 2002.

- Emergence in collective behavior: A case study of improvisational theater performance. American Sociological Association annual meeting, Washington, DC, August, 2000.
- Simulating Emergence and Downward Causation in Small Groups. Workshop on Multi-Agent Based Simulation, Boston, July, 2000.
- Script-think, classroom discourse, and curriculum design. American Educational Research Association annual meeting, Montreal, April 1999.
- How do groups contribute to development? Collaborative emergence and levels of analysis in developmental research. Society for Research in Child Development biennial meeting, Albuquerque, NM, April 1999.
- Riffing on the text: The improvisational element in performance. Annual Conference on Holidays, Ritual, Festival, Celebration, and Public Display, Bowling Green, OH, May 1998.
- Creativity as collaborative performance: The semiotics of social interaction. Semiotic Society of America conference, Louisville, KY, October 1997.
- Chair of the panel "Metaphor." Semiotic Society of America conference, Louisville, KY, October 1997.
- Chair of the panel "Anthropology and music." The Sound of Culture: Anthropological Theory and Ethnographic Methods in the Study of Western Music. Washington University in St. Louis, September, 1997.
- Chair and organizer of symposium "Improvisation in Education." American Educational Research Association annual meeting, Chicago, March 1997.
- Learning how to improvise. American Educational Research Association annual meeting, Chicago, March 1997.
- Chair and organizer of symposium "Metacommunication, conflict, and intersubjectivity in pretend play." Association for the Study of Play annual meeting, Washington DC, April 1997.
- Styles of play character enactment influence children's metacommunicative speech. Association for the Study of Play annual meeting, Washington DC, April 1997.
- Gender differences in participant frameworks and footing in preschool play discourse. Georgetown Linguistics Society, Washington DC, October 1996.
- Metacommunicative strategy selection in pretend play is affected by discourse sequence. American Psychological Society, San Francisco, June/July 1996.
- The preschool classroom as discourse community: Learning metapragmatics through pretense. American Association for Applied Linguistics annual meeting, Chicago, March 1996.
- Learning interactional skills through nursery school pretend play. American Educational Research Association annual meeting, New Orleans, April 1994.
- Experience as improvisation: Dewey's aesthetic theory applied to nursery school pretend play. Midwest Philosophy of Education Society annual meeting, Chicago, November 1993.
- Creativity in later life. Chicago Academy of Sciences symposium, "Science and art: Creativity, motivation, and the joy of learning," October 1993.
- Semiotic mediation in group improvisation. Society for Phenomenology and Existential Philosophy annual meeting, New Orleans, October 1993.

The cocreation of a symbolic space: How children collectively construct a pretend world. American Sociological Association annual meeting, Miami Beach, August 1993.

Social influences on the creative process: An autobiographical memory study of creativity through the lifespan. (With M. Csikszentmihalyi). Henry B. and Jocelyn Wallace National Research Symposium on Talent Development, University of Iowa, May 1993.

Social influences on creativity in the lifespans of gifted individuals. (With M. Csikszentmihalyi). Esther Katz Rosen Symposium on the Psychological Development of Gifted Children, University of Kansas, February 1993.

Interaction in children's social play. Spring Institute, University of Chicago Sociology Department, April 1991.

Citiexpert: Artificial intelligence applied to banking. (With K. Sahin). National Computer Conference, Chicago, 1987.

MEMBERSHIPS

American Educational Research Association
 Academy of Management
 American Sociological Association
 International Society of the Learning Sciences

ADVISORY BOARDS, EDITORIAL BOARDS, AND COMMITTEES

2010: Program committee, First Portuguese Workshop on Social Simulation (a thematic track for the Portuguese Conference on Artificial Intelligence).

2010: Co-Chair for the Minitrack "Knowledge Management for Creativity and Innovation" at the Hawaii International Conference on System Science, Waikoloa, Big Island, Hawaii, January 2010.

2009: Program committee, Tenth International Workshop on Multiagent Based Simulation (MABS'09), Budapest, Hungary, May 10-15, 2009.

2009: Program Committee, Social Simulation workshop at the International Joint Conferences on Artificial Intelligence (IJCAI 2009). Pasadena, CA, July 11-17, 2009.

2009: Program Committee, 6th European Social Simulation Association Conference (ESSA 2009). University of Surrey, Guildford, UK.

2009: Program Committee, Eighth International Joint Conference on Autonomous Agents and Multi-Agent Systems (AAMAS-09). Budapest, Hungary.

2009: Co-Chair for the Minitrack "Knowledge Management for Creativity and Innovation" at the Hawaii International Conference on System Science, Waikoloa, Big Island, Hawaii, January 2009.

2008: Program committee, Ninth International Workshop on Multiagent Based Simulation (MABS'08), Estoril, Portugal, May 12-16, 2008.

2007: Program Committee, Third Edition of Epistemological Perspectives on Simulation (EPOS), which will be held in Lisbon, ISCTE, Portugal, October 2-3, 2008.

2007: Program Committee, Second World Congress on Social Simulation, George Mason University, July 14-17, 2008.

- 2007-present: Editorial Board, *International Journal of Creativity and Problem Solving* (from 2007-2008 was titled *Korean Journal of Thinking & Problem Solving*).
- 2007: Program Committee, ACM Annual Symposium on Applied Computing, on the track "Advances in Computer Simulation," Fortaleza, Brazil, March 16-20, 2008.
- 2007-present: Editorial board, *Psychology of Music*.
- 2007: Panel reviewer, National Science Foundation.
- 2007: Organizing committee, Fall AAAI Symposium "Emergent agents and socialities: Social and organizational aspects of intelligence." Washington DC, November 8-11, 2007.
- 2007: Program committee, Eighth International Workshop on Multiagent Based Simulation (MABS'07), Hawaii.
- 2006-2008: Annual Meeting Program Co-Chair, Cultural-Historical SIG, American Educational Research Association.
- 2006: Panel reviewer, National Science Foundation.
- 2006: Program committee, First World Conference on Social Simulation (WCCS'06), Kyoto, Japan.
- 2006: Program committee, Seventh International Workshop on Multiagent Based Simulation (MABS'06), Future University-Hakodate, Japan.
- 2006: Program committee for the 28th Annual Meeting of the Cognitive Science Society.
- 2005: Program Committee, Sixth International Workshop on MultiAgent Based Simulation (MABS'05) conference, Utrecht, The Netherlands.
- 2004-2006: Consulting editor, *American Journal of Sociology*
- 2004: Program committee, Fifth International Workshop on Multiagent Based Simulation (MABS'04).
- 2004: Grant reviewer, The Marsden Fund, the Royal Society of New Zealand.
- 2003: Grant reviewer, Social Sciences and Humanities Research Council of Canada.
- 2003-present: Editorial board, *Journal for Computational and Mathematical Organizational Theory*
- 2003: Program committee, Fourth International Workshop on Multiagent Based Simulation (MABS'03), Melbourne, Australia.
- 2003: Scientific committee, Simulating Social Systems: Theoretical and Empirical Foundations for Agent Architectures (Simsoc VI), Groningen, The Netherlands.
- 2002: Program committee, Third International Workshop on Multiagent Based Simulation (MABS'02), Bologna, Italy.

Book reviewer: Cambridge, Continuum, Oxford, Routledge, Teachers College Press, University of Pittsburgh

Ad-hoc journal reviewer: *American Journal of Sociology*, *American Educational Research Journal*, *American Political Science Review*, *American Sociological Review*, *Artificial Life*, *Cambridge Journal of Education*, *Child Development*, *Cognition & Instruction*, *Creativity Research Journal*, *Cultural Anthropology*,

Early Childhood Research Quarterly, Ecology and Society, History of Psychology, Human Development, International Journal of General Systems, Journal of Artificial Societies and Social Simulation, Journal of Creative Behavior, Journal of Cognitive Development, Journal of the Learning Sciences, Journal of Linguistic Anthropology, Journal of Teacher Education, Mind, Culture, and Activity, Pragmatics, Psychology of Music, Semiotica, Social Development, Sociological Theory, Sythese, Systems, Man, and Cybernetics, Part A

MEDIA

- NBEA Business Education Forum*: Interviewed by reporter Joanne Lozar Glenn. Article “Teaching to the Imagination” to appear in the April 2009 issue.
- New York Times*: Quoted in the article “Teamwork, the True Mother of Invention” by Janet Rae-Dupree, December 7, 2008. Also appeared in *International Herald Tribune* of the same date.
- Istoe* (Brazilian weekly magazine): Interviewed by reporter Monica Tarantino.
- CNN.com*: Quoted in “Even presidents need time to chill out,” by David S. Martin, October 10, 2008.
- Investor’s Business Daily*: *GROUP GENIUS* quoted multiple times in the article “Tap Customer’s Creativity,” September 23, 2008.
- CNBC*: Guest expert on Episode 2 of “Collaboration Now,” a one-hour prime-time special, to air October 19, 2008.
- Office Solutions Magazine*: Interviewed for an article about collaboration by reporter Liz Massey. To be published October 2008.
- Corporate Leader Magazine*: Interviewed for an article about collaborative creativity by reporter Gwen Moran. To be published Spring 2008.
- Public Art Review*: Interviewed for an article about public art collaboration by reporter Joseph Hart. To be published May 2008.
- St. Louis Fox 2 News*: Interviewed by reporter Margie Ellisor on her daily segment *STL Moms*, about children’s toys, movies, and creative play. May 7, 2008.
- Urbanite Baltimore*, March 2008: Quoted in an article about jazz pianist Cyrus Chestnut by reporter Lionel Foster.
- KOPN radio*, December 20, 2007: One-hour live interview about *Group Genius* with the NPR affiliate in Columbia, Missouri.
- Catch Your Limit Consulting*: Podcast December 16, 2007 with Jeff Brainard. http://catchyourlimit.com/home/index.php?option=com_content&task=view&id=125&Itemid=66
- FirstWord*: November 2007, issue number 4, published by Z+ Partners. Four-page interview titled “The creativity of the crowd.”
- IdeaConnection* monthly newsletter, November 12, 2007: Feature story “Everyone can be More Creative - But not Alone” by Vern Burkhardt.
- New Mexico Business Journal*: My keynote address at the University of New Mexico innovation conference was featured in an article by Thomas Munro in the October 5, 2007 issue.

- Fast Company Magazine:** Interviewed by Dan Heath (co-author of *Made to Stick*) and quoted in the article “Get back in the box”, January 2007/February 2008, pp. 74, 77.
- Wired.com:** Interviewed for an article about peak ages for scientific creativity, September 2007. Story did not run.
- U.S. News and World Report:** Interviewed by Justin Ewers, Senior Editor; quoted extensively in a three-page story, with accompanying author photo and sidebar with advice from my book *Group Genius*. June 11, 2007.
- Sauce Magazine, St. Louis:** Interviewed for an article about cooking with children by reporter Barb Stefano. June, 2007 issue.
- Sirius Satellite Radio:** 30 minute live interview on *The Good Life Radio Show* with host Jesse Dylan on January 2, 2007.
- Science News:** Interviewed September 25, 2006 by Bruce Bower for an article about a *Science* study by Angeline Lillard on a Montessori school in Milwaukee.
- Design Council Magazine:** Author of an article about a new real estate development in Singapore called Fusionopolis. My article emphasizes the importance of collaboration. To appear Winter 2007-2008 issue.
- CNN:** Guest expert on “Genius,” a one-hour special with Dr. Sanjay Gupta originally airing September 17, 2006. Featured in 10-minute segment about groups, improvisation, and creativity.
- CNN:** House Call with Dr. Sanjay Gupta: Guest expert for 30-minute show originally aired September 16, 2006.
- Denver Post:** Reprint of “Jog your brain” from *Psychology Today*, May/June 2006 issue, on Sunday, August 27.
- MacLean’s** (Canadian weekly magazine): Interviewed by Cynthia Reynolds on creativity and children’s play. October, 2006.
- Health:** Interviewed by reporter Sally P. Koslow on August 21, 2006. Published by Time, Inc. February, 2007 issue.
- Current Health 2:** Interviewed by Susie Eley for a story about creativity for teenagers. February, 2007 issue.
- Chicago Tribune:** Quoted in “Relax, Einstein” by Verna Noel Jones, July 30, 2006.
- Real Simple:** Tips in “Brain stretching exercises,” August 2006.
- Ladies’ Home Journal:** Quoted in “The Rewards of Relaxation” by reporter Margaret Renkl, August, 2006, pp. 26-30.
- WFIU** public radio station, Bloomington, Indiana: One-hour interview for “Profiles” series by Adam Schwartz on June 29, 2006, to air sometime in Fall 2006.
- Galileu** (Brazilian popular science monthly magazine similar to *Discover*): Interview with Edson Franco about games, puzzles, creativity, and the brain, on May 6, 2006.
- Ft. Lauderdale Sun-Sentinel:** Interviewed by Dennis Richardson on April 6, 2006, about educational videogames.
- Psychology Today:** Quoted in “Jog your brain” by Richard A. Lovett, May/June, pages 55-56.
- Toronto Globe and Mail,** “Social Studies” column by Michael Kesterton. Friday, January 27, 2006, page A16.

- Polish weekly magazine *WPROST*: Quoted in an article on creativity by reporter Monika Florek-Moskal. March 26, 2006, pp. 82-84.
- Inventor's Digest*. "That 'Aha!' Spark". Two page interview with reporter Joanne Hayes-Rines, April/May/June 2006 issue, pp. 26-27.
- Women's World Magazine*: Interview with reporter Robin Westen, January 20, 2006 (to be published in March)
- Visao* (Portuguese magazine similar to *TIME* and owned by Time Corp): Translation of my Jan. 16 *TIME Magazine* interview, published February 23, 2006 issue.
- Sirius Satellite Radio*: 30 minute Radio interview with Peter Morris on "The Business Shrink," January 19, 2006.
- TIME Magazine**: Two page interview in cover issue "How to sharpen your mind" dated January 16, 2006.
- St. Louis Post-Dispatch*: Interviewed and quoted by columnist Lorraine Kee, Monday, April 18, 2005
- St. Louis Post-Dispatch*: Interviewed and quoted by columnist Betty Cubinerti, Wednesday, October 27, 2004
- New York City radio *WBAI*: Thirty minute live radio interview with Janet Coleman on "Cat Radio Café", January 6, 2003
- St. Louis Post-Dispatch*: Interviewed and quoted by columnist Lorraine Kee, in "Can you tell?", Monday, December 2, 2002
- Good Housekeeping* magazine: Interviewed and quoted by Joanne Cleaver, in "Homework help online," August 2000
- MIT's *Technology Review*: quoted by Robert M. Hazen in "The great unknown," Nov/Dec 1997
- Fox News Channel**: Ten-minute live interview on "Fox on Psychology," with reporter Lauren Green, April 15, 1997

SERVICE

University

- September 18, 2007: Invited Speaker, Chancellor's Management club monthly meeting
- 2007-present: Social Change Grant Advisory Board member
- 2007-present: Faculty Achievement Awards Committee
- 2007-present: Undergraduate Life Committee of the Board of Trustees
- 2007-2008: Medical School Strategic Planning Committee, Medical Education subcommittee
- 2007-2008: Olin School of Business, Institute for Innovation and Growth, Planning Committee
- April 26, 2007: Guest Speaker, Washington University Management Lunch Bytes, monthly meeting.
- 2003-present: Member, Washington University Human Subjects Committee, Behavioral Sciences

College of Arts & Sciences

2006-present: Program Director, Graduate Certificate in the Learning Sciences
2008-2009: Member, New Curriculum Review Committee
2007-2009: Chair of the Curriculum Committee
November 6, 2007: Century Club Alumni Annual Invited Faculty Lecture
2006-2009: Curriculum Committee

Department of Education

2006-present: Program Director, Learning Sciences undergraduate minor
2006-present: Co-chair, Educational Studies Undergraduate Major Committee
2003: Conference organizer and chair, Department of Education Spring Forum
1997-2005: Chair, Technology Committee. In 2004, redesigned and implemented a new department web site. In the 1997/1998 academic year, coordinated a major technology upgrade of the offices, including configuration and purchase of new computers for all faculty, and connecting all offices to the campus Ethernet.
1996-present: Educational Studies Committee
1996-present: Doctoral Program Committee
1998-2000: Chair, Human Subjects Committee.
1998: Conference organizer and chair, Department of Education Spring Forum