JAY L. LEMKE

Education:

University of Chicago 1973   Ph.D. (Theoretical Physics)
University of Chicago 1968   M.S. (Physics)
University of Chicago 1966   B.S.   (Physics)

Dissertation: "Proton-Antiproton Scattering Near Threshold"

Professional Experience:

University of California San Diego

      Professor (Adjunct), 2011 - 2016
      Research Scientist, Grade VII-VIII, 2010 - 2016
      Visiting Scholar, 2009-2010

The University of Michigan

      School of Education, Department of Educational Studies
- 2002 - 2009   Professor
- 2009 – 2012   Adjunct Professor

City University of New York

      Graduate School and University Center

- 2000 – 2002   Executive Officer, Ph.D. Program in Urban Education
- 2000 – 2002   Affiliate Faculty, Program in Developmental Psychology

      Brooklyn College, School of Education

- 2003-   Professor Emeritus
- 1986- 2002   Professor of Education
- 1980-1985   Associate Professor
- 1972-1979   Assistant Professor

University of Chicago

      Enrico Fermi Institute for Nuclear Studies
- 1970-1972   Research Assistant to the Director
- 1966-1970   National Science Foundation Fellow

Research in elementary particle theory and high-energy physics

Other Academic Appointments:

2008-9   Guest Researcher, Vrije Universiteit Amsterdam (Psychology & Pedagogy)
            Visiting Professor, Utrecht University, Langeveld Institute (Social Sciences Faculty)

1996   Senior Research Fellow, Queensland University of Technology (Australia)

1994   Visiting Research Scholar, Edith Cowan University (Australia)

1980-81   Visiting Scholar, University of London Institute of Education (Science Education)

1981   Visiting Professor, University of Sydney, Department of Linguistics

Research Specializations:

Communication in Education: *Specialized registers and genres of academic disciplines; literacy education; language and nonverbal media; classroom discourse; video documentation of learning activities*

Social Innovation Design: *Social design participation as a mode of learning; support of alternative modes of learning through multimedia and software platforms*

Science Education: *The role of language and semantic competence in mastering science; classroom discourse and activity structures; written genres of science; sociocultural perspectives on science education; analysis of advanced multimedia learning environments*

Multimedia Communication: S*emiotics of multimedia and hypermedia, including computer games and interactive learning environments; semiotics of affect, play and learning in media-rich environments; video analysis research methods*

Discourse Linguistics: *Semantic structures and strategies in text; thematic analysis of discourse formations; orientational and attitudinal meaning; critical discourse analysis; applied sociolinguistics*

Feeling and Meaning: *The unity of semiotic and interactional processes of emotional feeling and meaning-making; the connections among emotion, play, and learning*

Other Professional Activities:

Co-Editor, *Critical Discourse Studies* (Taylor & Francis) 2003 - 2014
Co-Editor, *Linguistics and Education: An International Journal* (Elsevier Science): 1993 - 2003

Series Co-Editor, Contemporary Studies in Linguistics and Education: 1998 - 2003
(Elsevier/Greenwood Press monograph series)

Editorial Board, *Science Education*
Editorial Board, *Functions of Language*
Editorial Board, *Social Semiotics*
Editorial Advisory Board, *Visual Communication*
Editorial Advisory Board, *Reading Research Quarterly*
Editorial Advisory Board, *Asia-Pacific Journal of Language in Education*
Editorial Board, *Journal of Research on Science Teaching (1993-1998)*

International Advisory Board, University of Birmingham (U.K.)
Centre for Sociocultural and Activity Theory Approaches to Research on Learning

International Advisory Board, University of London Institute of Education
Centre for Multimodal Research

Senior Advisor, Alexanderson Institute and Campus Varberg, Sweden

Grant Proposal Reviewer:
      National Science Foundation (USA)
      Social Sciences and Humanities Research Council (Canada)
      Economic & Social Research Council (U.K.)
      Research Council of Norway
      Australian Research Council
      Swiss National Science Foundation

Manuscript Reviewer:
      Cognition & Instruction (USA)
      Mind, Culture, and Activity (USA)
      Human Development (USA)
      Journal of the Learning Sciences
      Discourse Processes
      Communication Review (USA)
      Reading Research Quarterly (USA)
      Anthropology & Education Quarterly (USA)
      Science Education (USA)
      International Journal of Science Education (Europe)

Heinemann Educational Books, Ltd
State University of New York (SUNY) Press
Cambridge University Press
Taylor & Francis, Ltd
Cassell Academic, Ltd
Routledge Publishing (UK)

Conference Program Reviewer:
American Educational Research Association
National Reading Conference (USA)
Society for Study of Computer-supported Collaborative Learning

External Examiner, Doctoral Dissertations
University of Toronto, Ontario Institute for Studies in Education
University of Sydney, Linguistics
Macquarie University (Australia), Applied Linguistics
Murdoch University, Communication Studies, Education, Humanities
Victoria University (Canada), Science Education
Curtin University of Technology (Australia), Science Education
York University (Canada), Linguistics
University of Technology, Sydney

External Reviewer, Faculty Appointments, Promotions and Honors:
University of California, Berkeley
University of California, San Diego
University of California, Irvine
University of California, Santa Barbara
Washington University, St. Louis
Vanderbilt University
University of Pennsylvania
University of Delaware
University of Indiana
University of Illinois (Chicago)
University of Toronto
York University, Toronto
Waterloo University, Canada
University of Hong Kong

Professional Awards and Honors:

1996   Senior Research Fellowship Award, Queensland University
                of Technology (Australia)

1994   Visiting Scholar Award, Edith Cowan University (Australia)

1987	NSF Foreign Travel Grant to Australia, Linguistics Society of America competitive award
1983	New York Academy of Sciences, Awards Committee for the Edward Sapir Award, Linguistics Section
1979-82	National Science Foundation Research Award, Science Education Directorate
1980-81	Visiting Scholar Appointment, University of London Institute of Education (Science Education)
1981	Visiting Professor, University of Sydney, Department of Linguistics
1976-	Biography listed in Leaders in Education, Dictionary of International Biography, Who's Who in American Education, Who's Who in the East (USA) Who's Who in the World

Consultant Positions:

1994	Los Alamos National Laboratories; Division of Computing, Information, and Communications
1983	Curriculum Development Consultant, Deakin University Faculty of Education, for the Graduate Program on Language in Education.
1979	Heinemann Educational Books, Ltd. (U.K.) Evaluation of educational materials for use in the U.S.
1978-79	New York City Board of Education, Co-Director of the Intensive Teacher Training Program in Science

Academic Society Affiliations:
International Systemic Linguistics Association
American Educational Research Association
Digital Games Research Association
American Semiotics Society
American Anthropological Association
Council on Anthropology and Education
American Association for Applied Linguistics
National Association for Research in Science Teaching

List of Selected Publications:

"Vector-Meson Interference Phenomena" [with R. Sachs] *Physical Review D5*: 590-597. 1972.

"Proton-Antiproton Scattering Near Threshold" *Il Nuovo Cimento 16A*: 473-510. 1973.

"Teaching Twentieth-Century Science" *Journal of College Science Teaching*, September 1974, 16-19.

"Acceptance of Plate Tectonics by Geologists" [with M. Nitecki, H. Pullman]. *Geology 6*: 661-664. 1978. [See also Geology 7: 163-164. 1979]

"Studies of the Acceptance of Plate Tectonics" In M. Sears and D. Merriman, Eds. *Oceanography: The Past* [Proceedings of the 3rd International Congress on the History of Oceanography (Woods Hole)]. Springer Verlag. 1980.

"Talking physics." *Physics Education* (London) 17: 263-267. 1982.

"Thematic Analysis: Systems, Structures, and Strategies" *Semiotic Inquiry 3*(2): 159-187. 1983.

Classroom Communication of Science. Final Report to the U.S. National Science Foundation. Arlington, VA: ERIC Documents Service (ED 222 346). 1983.

"Analyzing Meanings in Interaction" *International Journal of the Sociology of Language 43*: 119-127. 1983.

"A Critique of Relativity and Localization" [with E. Gendlin]. *International Journal of Mathematical Modelling 4*: 61-72. 1983.

Semiotics and Education. Monograph in Toronto Semiotic Circle Monographs Series, Victoria University, Toronto. 1984.

"Ideology, intertextuality, and the notion of register" In J.D. Benson and W.S. Greaves, Eds., *Systemic Perspectives on Discourse*. (pp. 275-294) Ablex, 1985.

Using Language in the Classroom. Geelong, VIC (Australia): Deakin University Press. 1985.

"Strategic Deployment of Speech and Action: A Sociosemiotic Analysis" In J.Evans and J.Deely, Eds., *Semiotics 1983: Proceedings of the Semiotic Society of America `Snowbird' Conference*, (pp.67-79). University Press of America (1987).

"Social semiotics and science education" *American Journal of Semiotics 5*(2): 217-232. [Special issue; Donald Cunningham and Gary Shank, Eds.] 1987.

"Discourses in conflict: Heteroglossia and text semantics." In J. D. Benson and W. S. Greaves, Eds. *Functional Perspectives on Discourse*, (pp. 29-50). Norwood, NJ: Ablex Publishing. 1988.

"Genres, semantics, and classroom education" Linguistics and Education: 1(1): 81-99. 1988.

"Towards a Social Semiotics of the Material Subject." In T. Threadgold, Ed. *Working Papers, Volume 2: Sociosemiotics*, (pp. 1-17). Sydney: Sydney Association for Studies in Society and Culture. 1988.

"Text structure and text semantics" In R. Veltman and E. Steiner, Eds. *Discourse and Text: Explorations in Systemic Semantics*. London: Pinter. 1988.

Using Language in the Classroom. 2nd edition. London: Oxford University Press, 1989. [Republication of Lemke 1985]

"Social semiotics: A new model for literacy education" In D. Bloome, Ed. *Classrooms and Literacy*, (pp. 289-309). Norwood, NJ: Ablex Publishing. 1989.

"Intertextuality and text semantics." In M. Gregory and P. Fries, Eds. *Discourse in Society: Functional Perspectives.* Norwood, NJ: Ablex Publishing. 1989 (?)

"The language of science teaching" In C. Emihovich, Ed. *Locating Learning: Ethnographic Perspectives on Classroom Research* (pp. 216-239). Norwood, NJ: Ablex Publishing. 1989.

"Making Text Talk." *Theory into Practice 28* (2): 136-141. Spring, 1989. [Special issue: Learning through text, Joanne Golden, Ed.]

"Semantics and Social Values." *WORD 40*(1-2): 37-50. 1989. [Special issue: Systems, structures, and discourse]

Talking Science: Language, Learning, and Values. Ablex Publishing. 1990.

"Technical Discourse and Technocratic Ideology." In M. A. K. Halliday, John Gibbons, and Howard Nicholas, Eds. *Learning, Keeping, and Using Language: Selected Papers from the 8th AILA World Congress of Applied Linguistics, Sydney 1987*. Vol. II. pp. 435-460. Amsterdam: John Benjamins. 1990.

"Language Diversity and Literacy Education." Australian *Journal of Reading 13*(4): 320-325. (Focus issue Perspectives on Literacy for the International Literacy Year). 1990.

"Literacy and Diversity." In Rod Giblett and John O'Carroll, Eds. *Discipline, Dialogue, Difference*. Murdoch University (Australia): Duration Publications. pp.147-169. 1990.

"Text Production and Dynamic Text Semantics." In E. Ventola, Ed. *Functional and Systemic Linguistics: Approaches and Uses*. [pp. 23-38]. Berlin: Mouton/deGruyter (Trends in Linguistics: Studies and Monographs 55). 1991.

"Interpersonal Meaning in Discourse: Value Orientations." In M. Davies and L. Ravelli, Eds. *Advances in Systemic Linguistics*. [pp.82-104]. London: Pinter. 1992.

"Personal Narrative and Academic Discourse: Tools for Making Meaning." *Liberal Education 78*(3): 28-33. 1992.

"On Not Making Literate Americans" *Education Australia*, No.19-20, p18-19. 1992.

"Education, Cyberspace, and Change." *Electronic Journal on Virtual Culture* (EJVC-L@KENTVM), March 1993. [ftp /pub/ejvc directory of byrd.mu.wvnet.edu]; also Arlington VA: ERIC Documents Service (ED 356 767), 1993.

"Hypermedia and Higher Education." *Interpersonal Communication and Technology* (IPCT-L@GUVM), April 1993.

"Intertextuality and Educational Research." *Linguistics and Education 4*(3/4):257-268, 1993.

"Practice, Politique, Postmodernism." A review of Pierre Bourdieu and Lois J.D. Wacquant's _An Invitation to Reflexive Sociology_. *Postmodern Culture* [PMC-LIST on Listserv@listserv.ncsu.edu. Get PMC-LIST REVIEW-4.993]

"Critical Social Literacy for the New Century." *English in Australia 105*: 9-15. 1993. (Special issue, Teaching English Literacy, F. Christie, Ed.)

"Discourse, Dynamics, and Social Change." *Cultural Dynamics 6*(1): 243-275. [Special issue, Language as Cultural Dynamic, M.A.K. Halliday, Issue Editor]. 1993.

"The Coming Paradigm Wars in Education: Curriculum vs. Information Access." In *Cyberspace Superhighways: Access, Ethics, and Control*, Proceedings of the Fourth Conference on Computers, Freedom, and Privacy. Chicago: John Marshall Law School. 1994. [pp.76-85]

"Living Literacy in the Information Age" in Shortland-Jones, B., Bosich, B., & Rivalland, J. (Eds.), *Living Literacy*. Carlton, Vic.: Australian Reading Assocation. 1994.

"Intertextuality and text semantics." In M. Gregory and P. Fries, Eds. *Discourse in Society: Functional Perspectives*. Norwood, NJ: Ablex Publishing. 1994. [pp.85-114]

"Semiotics and the Deconstruction of Conceptual Learning." *Journal of Accelerative Learning and Teaching 19* (1), 67-110. 1994.

Textual Politics: Discourse and Social Dynamics. London: Taylor & Francis. 1995.

"Making Towers, Making Withs"   Paper presented at National Association for Research in Science Teaching, San Francisco, April 1995. Arlington VA: ERIC Documents Service (ED 384 513), 1995.

> Also, in M. Kamen, W.-M. Roth, L. Flick, B.Shapiro, L. Barden, E. Kean, S. Marble, and J. Lemke, "Multiple perspective analysis of the role of language in inquiry science learning", special issue of *Electronic Journal of Science Education vol.2,* no.1, 1997. http://unr.edu/homepage/jcannon/ejse/ejsev2n1.html ; http://unr.edu/homepage/jcannon/ejse/kamen_etal.html .

"Emergent Agendas in Collaborative Activity." Paper presented at American Educational Research Association Annual Meeting, San Francisco (April 1995). *Research in Education*, January 1996. Arlington VA: ERIC Documents Service (ED 386 425), 1996.

"Literacy, Culture, and History." Review of The World on Paper by D.R. Olson. *The Communication Review. Vol.1*(2), 241-259. 1995.

"Hypermedia and Higher Education" in T.M. Harrison and T.D. Stephen, Eds. *Computer Networking and Scholarship in the 21st Century University*. Albany: SUNY Press. 1995. pp.215-232.

"Self-Organization and Psychological Theory." Review of L.B. Smith & E. Thelen, Eds., A Dynamic Systems Approach to Development. *Theory & Psychology 6*(2): 352-356, 1996.

"Emptying the Center: On Gee's 'Mobots and Classrooms'" *Organization 3*(3): 411-418, 1996.

Review of Sociocultural Approaches to Language and Literacy. *Mind, Culture, and Activity 3*(4): 290-294. 1996.

"Cognition, Context, and Learning: A Social Semiotic Perspective" in D. Kirshner and A. Whitson, Eds., *Situated Cognition: Social, Semiotic, and Psychological Perspectives*. (pp. 37-55). Hillsdale, NJ: Erlbaum. 1997.

Review of: Roy Harris. Signs of Writing. *Functions of Language 4*(1): 125-129. 1997.

Aprender a hablar ciencia : Lenguaje, aprendizaje y valores. 1a ed. Barcelona: Paidos, 1997. 273 pp. [Spanish translation of *Talking Science*, 1990]

"Multiplying Meaning: Visual and Verbal Semiotics in Scientific Text" in J.R. Martin & R. Veel, Eds., *Reading Science*. London: Routledge. (pp. 87-113). 1998.

"Analysing Verbal Data: Principles, Methods, and Problems" in K. Tobin & B. Fraser, (Eds). *International Handbook of Science Education*. Kluwer Academic. (pp. 1175-1189). 1998.

"Metamedia Literacy: Transforming Meanings And Media"   In D. Reinking, L. Labbo, M. McKenna, & R. Kiefer (Eds.), *Literacy for the 21st Century: Technological Transformation in a post-typographic world*. Hillsdale, NJ: Erlbaum. pp.283-301. 1998.

Review of *From Positivism to Interpretivism and Beyond* (Heshusius & Ballard). *Anthropology and Education Quarterly 29*(2): 255-257. June, 1998.

"Resources for Attitudinal Meaning: Evaluative Orientations in Text Semantics." *Functions of Language 5*(1): 33-56, 1998.

"Discourse and Organizational Dynamics: Website Communication and Institutional Change" *Discourse and Society 10*(1): 21-48, 1999.

Review of *Writing Superheroes: Contemporary Childhood, Popular Culture, and Classroom Literacy* (Anne Haas Dyson). *Qualitative Studies in Education 12* (1): 110-112. 1999.

Review of *Discourse as Structure and Process* (T. A. van Dijk, Ed.). *Language in Society 28* (1): 6-9. 1999.

"Meaning-Making in the Conversation" *Human Development 19*: 87-91. 1999.

"Typological and Topological Meaning in Diagnostic Discourse." *Discourse Processes* 27(2), 173-185. 1999.

"Multimedia Demands of the Scientific Curriculum". *Linguistics and Education 10*(3): 1-25. 2000.

"Opening Up Closure: Semiotics Across Scales" In J. Chandler and G. van de Vijver, Eds. *Closure: Emergent Organizations and their Dynamics (Volume 901: Annals of the NYAS*). New York: New York Academy of Science Press. March, 2000. pp. 100-111.

"Material Sign Processes and Ecosocial Organization." In P.B. Andersen, C. Emmeche, and N.O. Finnemann-Nielsen, Eds. *Downward Causation: Self-organization in Biology, Psychology, and Society.* Aarhus University Press (Denmark). 2000. pp. 181-213.

"The long and the short of it: Comments on multiple timescale studies of human activity" *Journal of the Learning Sciences 10*(1-2): 193-202. 2000.

"Across the Scales of Time: Artifacts, Activities, and Meanings in Ecosocial Systems" *Mind, Culture, and Activity 7*(4): 273-290. 2000.

"Intertextuality and the Project of Text Linguistics" *TEXT 20* (2), 221-225. 2000.

"Multiple timescales and semiotics in complex ecosocial systems" available in *Interjournal of Complex Systems, Reports*, #405 [www.interjournal.org]. *Proceedings of the 3rd International Conference on Complex Systems*, May 2000 [Nashua, NH: New England Complex Systems Institute].

"Articulating Communities: Sociocultural Perspectives on Science Education." *Journal of Research on Science Teaching 38* (3): 296-316. 2001.

"Semantic Topography and Textual Meaning." In J. de Villiers and R. Stainton, Eds. *Communication in Linguistics*. pp. 237-260. Toronto: Editions du GREF. 2001.

"Science and Experience." In Wallace, J. & Louden, W. (Eds.). *Dilemmas in science teaching: Perspectives on problems of practice.* London: Routledge/Falmer. Pp. 30-33 [Chapter pp. 22-36 with D Geelan, M LaRochelle] 2001.

"Enseñar todos los lenguajes de la ciencia: palabras, símbolos, imágenes y acciones". In Montse Benlloch, Ed. *La educación en ciencias: ideas para mejorar su práctica.* Barcelona: Paidos. pp. 159-186. 2002.

"Discursive technologies and the social organization of meaning." *Folia Linguistica 35 (1-2):* 79 - 96. 2002.

"Multimedia genres for science education and scientific literacy." In M. Schleppegrell & M.C. Colombi, Eds. *Developing Advanced Literacy in First and Second Languages.* Mahwah, NJ: Erlbaum. pp. 21-44. 2002.

"Becoming the Village: Education across Lives" In G. Wells and G. Claxton, Eds. *Learning for Life in the 2ist Century: Sociocultural Perspectives on The Future of Education.* London: Blackwell. 2002.

"Ideology, Intertextuality, and the Communication of Science." In P. Fries, M. Cummings, D. Lockwood and W. Spruiell (Eds.), *Relations and Functions in Language and Discourse*. pp. 32- 55. London: Cassell. 2002.

"Multiplying Viewpoints in the Digital Commons: Essay Review of Goldman-Segall: *Points of viewing children's thinking.*" *Human Development 45* (3): 194 – 199. 2002.

"Language development and identity: multiple timescales in the social ecology of learning." In C. Kramsch, Ed. *Language Acquisition and Language Socialization*. pp. 68 -87. London: Continuum. 2002.
Review of R. Scollon: *Mediated Discourse: The Nexus of Practice. Journal of Sociolinguistics 6(3)*: 457- 460. 2002.

"Travels in Hypermodality." *Visual Communication 1*(3): 299-325. 2002.

"Language development and identity: multiple timescales in the social ecology of learning." In C. Kramsch, Ed. *Language Acquisition and Language Socialization*. London: Continuum. pp. 68 – 87. 2002.

"Mathematics in the Middle: Measure, Picture, Gesture, Sign, and Word". In Anderson, M., Saenz-Ludlow, A., Zellweger, S. & Cifarelli, V., (Eds.). *Educational Perspectives on Mathematics as Semiosis: From Thinking to Interpreting to Knowing.* pp. 215-234. Ottawa: Legas Publishing. 2002.

"The Role of Texts in the Technologies of Social Organization." In R. Wodak & G. Weiss, Eds., *Theory and Interdisciplinarity in Critical Discourse Analysis*. London: Macmillan/Palgrave. 2003.

"Beyond Literacy: Semiotics and the Civilization of Hypercomplexity" Review of Mihai Nadin, *The Civilization of Illiteracy. Semiotica 144:* 381-387. 2003.
[Reprinted in Mercedes Vilanova and Frederic Chorda, Eds. *A Mind at Work: Homage to Mihai Nadin*. Heidelberg: Synchron. 2004.]

"The Literacies of Science." In E. Wendy Saul, Ed., Crossing Borders in Literacy and Science Instruction. (pp. 33-47). Newark, DE: International Reading Association and Arlington, VA: NSTA Press, 2004.

"Multiplying intelligences: Hypermedia and social semiotics." In J. Kincheloe & A. Johnson, Eds. *Multiple Intelligences Reconsidered: An Expanded Vision*. pp. 177-200. New York: Peter Lang. 2004.

"Intertextuality and Educational Research." In D. Bloome and N. Shuart-Faris, Eds. *Uses of Intertextuality in Classroom and Educational Research*. pp. 3-17. Greenwich, Conn: Information Age Publishing. 2005. [Republication of Lemke 1992a]

"Place, Pace, and Meaning: Multimedia chronotopes." In Norris, Sigrid & Jones, Rodney (Eds.), *Discourse in Action: Introducing Mediated Discourse Analysis*. pp. 110-122. Routledge. 2005.

"Critical Analysis across Media: Games, Franchises, and the New Cultural Order." In Labarta Postigo, M. (Ed.) *Approaches to Critical Discourse Analysis*. Valencia: University of Valencia. (CDROM edition). 2005.

"Multimedia Genres and Traversals." In E. Ventola, P. Muntigl, & H. Gruber, Eds., *Approaches to Genre*, special issue of *Folia Linguistica*, *39* (1-2), 2005. pp. 45-56.

"Towards Critical Multimedia Literacy: Technology, Research, and Politics." In McKenna, M., Reinking, D., Labbo, L. & Kieffer, R., Eds., *International Handbook of Literacy & Technology, v2.0*. pp. 3-14. Mahwah, NJ: Erlbaum. 2006.

"Video Epistemology In-and-Outside the Box: Traversing Attentional Spaces." In Goldman, R., Pea, R., Barron, B. & Derry, S.J. (Eds.), *Video Research in the Learning Sciences*. Mahwah, NJ: Erlbaum. pp. 39-52. 2007.

"Re-engineering Education in America." *Language Arts 85 (1):52-60* . 2007.

"Identity, Development, and Desire: Critical Questions." In Caldas-Coulthard, C. & Iedema, R. (Eds.) *Identity Trouble: Critical Discourse and Contestations of Identification*. London: Macmillan/Palgrave. pp. 17-42. 2008.

Lemke, J.L. and N. Sabelli. "Complex Systems and Educational Change: Towards a New Research Agenda." *Educational Philosophy and Theory 40 (1),* January 2008, 118-129. [Reprinted in Mason, Mark (Ed.). 2008. *Complexity Theory and the Philosophy of Education.* London: Blackwell.]

"Science and Experience." (Chinese translation). In Wallace, J. & Louden, W. (Eds.). 突破科學教 學中的兩難. *[Dilemmas of science teaching: Perspectives on problems of practice.]* (Trans., C. Liu). Taipei, Taiwan: Psychological Publishing Co. (October 2008). ISBN: 9789861911038.

"Analiza krytyczna w obszarze mediow: gry, koncesje, i nowy lad kulturowy" in Duszak, Anna & Fairclough, Norman, Eds. *Krytyczna Analiza Dyskursu.* Pp. 343-372. Krakow: Universitas. 2008. [Polish translation of "Critical analysis across media: Games, Franchises, and the New Cultural Order".]

"Multimodal Genres and Transmedia Traversals: Social Semiotics and the Political Economy of the Sign." *Semiotica 173*: 283-297. 2009. (Special issue on Social Semiotics, Paul Cobley & A. Randiviir, editors).

"New Learning Cultures: Identities, Media, and Networks." In Robin Goodfellow and Marie-Noelle Lamy (Eds.), *Learning Cultures in Online Education*. London: Continuum. 2009. [with C. van Helden]

"Multimodality, Identity, and Time." In Jewitt, Carey, Ed. *The Routledge Handbook of Multimodal Analysis.* London: Routledge. 2009. Pp. 140-150.

"A tribute to Robert deBeaugrande." *Functions of Language* 16(1): 1-3. 2009. [with Caspar van Helden]

"Learning to Mean Mathematically." *Mind, Culture, and Activity* 16 (3): 281-284. 2009. [review of A. Sfard, *Thinking as Communicating*, 2008]

"Conducting video research in the learning sciences." *Journal of the Learning Sciences* 19(1): 3-53. 2010. [with S. Derry, R. Pea, B. Barron, R. Engle, R. Hall, F. Erickson, R. Goldman, M.G. & B.L. Sherin, & T. Koschmann]

"Lessons from *Whyville*: A hermeneutics for our mixed reality". *Games and Culture* 5(2): 149-157. 2010.

"Letramento metamidiatico: transformando significados e midias" *Trabalhos em Linguistica Aplicada* (Brasil) 49 (2): 455-479. 2010. [Translation of Metamedia Literacy: Transforming Meanings and Media, 1998]

"Semantic Variation: Meaning in society and in sociolinguistics by Ruqaiya Hasan" Review. *Linguistics and the Human Sciences 4* (3): 261 – 267. 2011.

"The secret identity of science education: Masculine and politically conservative?" *Cultural Studies of Science Education 6(2)*: 287-292. 2011.

"Multimedia and Discourse Analysis." In J.P. Gee and M. Handford (eds), *Routledge Handbook of Discourse Analysis*. pp. 79-89. 2012.

"Analyzing Verbal Data: Principles, Methods, and Problems." [revised] In Barry J. Fraser, Kenneth Tobin, & Campbell J. McRobbie (Eds). *The Second International Handbook of Science Education*. London: Springer. 2012.

"Feeling and Meaning in the Social Ecology of Learning: Lessons from Play and Games." In Michael Baker, Jerry Andriessen & Sanna Järvelä (Eds.), *Affective Learning Together: The Socio-emotional Turn in Collaborative Learning*. Routledge. Pp. 71-94. 2013. [chapter 4: ISBN 978-0-415-69687-6]

"Thinking about Feeling: Affect Across Literacies and Lives." In Erstad, Ola & Sefton-Green, Julian (eds.) *Identity, Community, and Learning Lives in the Digital Age*. pp. 57-69. Cambridge University Press. ISBN 978-1-107-00591-4. 2013.

"Seeing ourselves in a mirror made for children." *Mind, Culture, and Activity* 20(2): 189-191. 2013. [Review of Mizuko Ito, Engineering Play: A Cultural History of Children's Software, MIT Press, 2009]

"Transmedia Traversals: Marketing Meaning and Identity." In Montagna, Elena (Ed.)*, Readings in Intersemiosis and Multimedia*. pp. 13-34. IBIS: Pavia, IT. ISBN 978-88-7164-432-5. 2013.

"Multimodality, Identity, and Time (revised)." In Jewitt, Carey (ed), *Routledge Handbook of Multimodal Analysis (Second Edition)*. pp. 165-175. London: Routledge. 2014.

"Feeling and Meaning: A Unitary Bio-semiotic Account." In Trifonas, Peter Pericles (ed.), *International Handbook of Semiotics*. Dordrecht, NL: Springer. 2015. ISBN: 978-94-017-9403-9. [chapter 27] DOI: 10.1007/978-94-017-9404-6.

Lemke, J.L., Lecusay, R., Cole, M. & Michalchik, V. *Documenting and Assessing Learning in Informal and Media-Rich Environments*. Cambridge, Mass. MIT Press. 2015

"Social Design Literacies: Designing Action Literacies for Fast-changing Futures." In Jennifer Rowsell & Kate Pahl (eds), *Routledge Handbook of Literacy Studies*. Pp. 322-336. London: Routledge. 2015. [with Caspar van Helden] ISBN 978-0-415-81624-3.

"Social Semiotics: Jay Lemke" Chapter 6 in Andersen, Thomas H., Boeriis, Morten, Maagerø, Eva, & Tønnessen, Elise S. (Eds.), Social Semiotics: Key Figures, New Directions. Pp. 114-139. London: Routledge. 2015. [Edited interview with references; oral history and theoretical contributions]

Invited Presentations and Major Conference Papers:

2013.

American Educational Research Association, San Francisco. "Games and Learning: Diversifying Opportunity or Standardizing Advantage?"

Society for Psychological Anthropology, San Diego. "Games and Learning: Making the Interplay of Feeling and Meaning Visible."

2012.

American Educational Research Association, Vancouver. "Commentary on Emergent Methods for Studying Spatial and Embodied Dimensions on Learning."

American Educational Research Association, Vancouver. "Commentary on Science Artifacts as Boundary Objects."

2011.

Digital Media & Learning Conference, Los Angeles. "Designing for Adaptability: Open, Incomplete, Alive?" Presenter and panel organizer. (March 5)

2010.

International Congress of the Learning Sciences, Chicago. Invited presentation. "Affect, Identity, and Representation" (June 30)

University of Oslo, Invitational Conference "Learning Lives: Research Methodology" (held at UCSD, April 26-27). "All that Video: Analysis across Time, Place, and Activities"

2009.

University of Oslo, Education Research Institute. Invitational conference "Learning Lives". "Thinking about Feeling: Affect Across Literacies and Lives". (May 15)

2008.

SRI International/Stanford/University of Washington, Center for Technology in Education/Learning in Formal and Informal Environments (live and by videoconference). "Affect, Timescales, and Learning". (February)

University of California, Berkeley, Language Center. "Meaning and Feeling". (February)

University of London, Institute of Education, Center for Multimodal Research. "Meaning and Feeling with Multimedia: Experiencing Learning Across Multiple Timescales" Invited Plenary. (June)

Vrije Universiteit Amsterdam, Psychology and Pedagogy. "Video Research for the Learning Sciences". (September)

Utrecht University (Netherlands), Langeveld Research Institute. "Making Meaning Across Time and Media". (September)

University of Oslo, Education Research Institute. "Transmedia Literacy and Identity Development". (October)

2007.

National Council of Teachers of English, Research Assembly (Vanderbilt University). "New Media and New Learning Communities". Invited plenary. (February 25)

American Educational Research Association (Chicago). "Re-defining Quality in Education: A view from Cultural Historical Activity Theory." (April 13)

American Association for Applied Linguistics (Costa Mesa, CA). "Transmedia Meaning-Making: Discourse beyond Text." (April 21)

Conference on Language Dynamics and the Phenomenology of Individual Experience (Agder University College, Norway). "The Phenomenology of Transmedia Meaning Effects." (May 11)

Nordic Conference on Subject-area Didactics (Oslo, Norway). Invited Keynote: "The Structural Faults of Modern Schooling: Towards Alternative Educational Systems." (May 14)

Oslo University College (Norway): "A Society of Signs: Multimodal Communication in Natural Science." (May 16)

Conference on Video Analysis of Classroom Observations (University of Oslo, Institute of Pedagogic Research). Invited Keynote Public Lecture: "Video and Us: Epistemology and Agency in Research Video" (May 18)

University of Barcelona / Open University of Catalunya (Department of Developmental and Educational Psychology). "Semiotics, Phenomenology, and Transmedia" (May 29)

International Pragmatics Association, Gothenburg, Sweden. "Transmedia Pragmatics: Meaning Structures within Multimedia Corpora" (July 10)

International Congress of Systemic Functional Linguistics, Odense, Denmark. "Ideology, Intertextuality, and the Notion of Transmedia." (July 16).

2006.

American Educational Research Association (San Francisco). "Complex Systems and Educational Change: Towards a New Research Agenda" [with N. Sabelli] (April 10)

Third International Conference on Multimodality (University of Pavia, Italy). Invited plenary. "Transmedia Traversals: Marketing Meaning and Identity" (May 25)

University of Barcelona, Department of Educational Psychology. "Discourse analysis of asynchronous online learning" (May 31)

2005.

NESTA FutureLab (UK). "Dialogue and Interactive Learning". Videoconference presentation for the Digital Dialogues conference, Sheffield. (March 24)

University of Utrecht (NL), Media Studies. "Interactive Immersive Worlds: Globalizing Transmedia and Traversals". (May 12)

University of Barcelona, Educational Psychology. "Immersive Multimedia and Learning across Time and Place". (May 19)

Games, Learning, & Society Conference (University of Wisconsin, Madison). Invited presentation. "Here and Then: Chronotopes and Learning in Semiotic Worlds" (23 June)

VIIth International Congress on Research in Science Teaching, Granada, Spain. Opening Plenary Address: "Research for the Future of Science Education: New Ways of Learning, New Ways of Living." (September 7)

University of Colorado (Boulder). Charles Colloquium lecture. "From Discourse Analysis to Multimedia Semiotics: Research across Time, Space, and Media" (October 27)

NSF/CRA Video in Research, Arlington VA. Invited keynote address. "Video in Learning Research" (December 2)

2004.

American Educational Research Association (San Diego). "Learning across Multiple Places and their Chronotopes" (April 15)

First International Conference on Critical Discourse Analysis (Valencia, Spain). "Critical Dimensions of Multimedia Analysis" (May 7)

University of Illinois, Chicago. "Learning Across Space and Time: From GameWorlds to Learning Environments" Invited seminar, Department of Psychology. (October 1)

United Nations Office of International Partnerships (UNFIP), Invitational Summit on Power Users of New Technologies (New York). "Pioneers to Power Players: Developing a Research Agenda" (December 13)

2003.

National Reading Conference (Phoenix). "Critical Multimedia Literacy". Invited technology presentation. (December 4)

Summer Institute of Discourse Studies (Aalborg University, Denmark). "Traversing Discursive Worlds: Spaces, places, pacing and timing in discursive activity". Plenary lecture. (August 18)

International Pragmatics Association (Toronto). "Multimedia Genres and Traversals". (July 18)

American Educational Research Association (Chicago). "Identity, Development, and Desire: Critical Questions". (April 22)

Ethnography & Education Research Forum (University of Pennsylvania). "Modeling Change: The Dynamics of Place, Time, and Identity." Invited Keynote. (February 28).

2002.

National Council of Teachers of English (NCTE Annual Meeting, Atlanta). "New Media, New Voices." Invited presentation (November 24).

International Conference of the Learning Sciences (ICLS 2002, Seattle) "Keeping Learning Alive: Multiple Timescales in the Social Organization of Learning". Invited Keynote. (October 24).

University of Victoria, British Columbia. International Conference on Language and Science Literacy. "Getting Critical about Science Literacies". (September 12).

Fifth International Congress of Research on Activity Theory (ISCRAT, Amsterdam). "Diversity, Dialogue, and Development" (June 21).

American Educational Research Association (New Orleans). "Complexity and Educational Change." (April 1)

National Council of Teachers of English Assembly for Research (New York). "Critical Literacies and New Technologies: Issues of Empowerment" (February 23)

2001.

National Science Foundation, Division of Education and Human Resources. "From Neurons to Nation-states: Making Sense of Multi-scale Systems". (January 11)

Austrian Academy of Sciences, Vienna; "Report of the Working Group on Multilingualism and Science." (June 9)

University of Lisbon, New Paradigms of Knowledge Conference. "Multi-scale Meaning: The Organization of Texts, Lives, and Communities" Closing Plenary Address. (June 22)

Carleton University, Ottawa; Summer Institute of Linguistics. "Analyzing Value Orientations in Texts, Visual Media, and Hypertexts" Full-day seminar. (July 20)

International Congress of Systemic and Functional Linguistics, Carleton University, Ottawa. "Textuality and the Mediation of Social Control" Plenary Address. (July 26)

Conference on Science and Literacy, University of Maryland, Baltimore. "The Dialogues of Literacy and Science" Keynote Address. (August 24)

2000.

University of California, Davis. Conference on Acquisition of Advanced Literacy. "Multimedia Genres for Scientific Education and Science Literacy." (February 18)

American Association for Applied Linguistics, Vancouver. "Language in Partnership: Multimedia Learning and Hypermedia Teaching in Science" (March 12)

University of California, Berkeley. Conference on Language Socialization and Language Acquisition. "Learning Academic Language Identities: Multiple Timescales in the Social Ecology of Scientific Education." (March 18)

American Educational Research Association, New Orleans. "Becoming the Village: Development and Learning in (Age-) Diverse Communities." (April 26)

National Association for Research on Science Teaching, New Orleans. "Articulating Communities: Sociocultural Perspectives on Science Education" (April 29)

3rd International Conference on Complex Systems, Nashua NH. "Multiple timescales and semiotics in complex ecosocial systems"; Plenary presentation (May 25)

Critical Discourse Analysis Conference, University of Vienna. "The Role of Texts in the Technologies of Social Organization" (July 6)

International Pragmatics Association, Budapest. "Of Neurons and Nation States: Discourse Across Multiple Scales of Organization" (July 11)

American University, Washington DC. "Tangling Texts and Methods / Analyzing Verbal and Visual Evaluations" (September 22)

University of California, San Diego. "Matter, Meaning, and Scale" (December 6)

1999.

University of California, San Diego. Department of Communication. "Across the Scales of Time, or WHY it takes a Village" (March 3)

American Association of Applied Linguistics (San Diego). "Linguistic and Visual Resources for Evaluative Meaning" (March 7)

Northwestern University. Institute for the Learning Sciences. "Integrating Visual, Verbal, and Mathematical Representations in Scientific Multimedia: A Semiotic Perspective" (April 9)

University of Ghent. Conference on Emergent Organizations and their Dynamics. "Opening Up Closure: Semiotics across Scales" (May 4)

American University. Conference on Lavender Languages. "Discourse analysis and evaluative meaning" (September 24)

University of California, San Diego. Laboratory for Comparative Human Communication. "Artifacts, Activities, and Meanings in Ecosocial Systems" (October 27)

1998.

Carleton University, Ottawa. School of Linguistics and Applied Language Studies. "Resources for Evaluative Meaning" (March 23)

WESS Conference (Washington Evolutionary Systems Society), Georgetown University: "Topological Semiosis and the Evolution of Meaning in Ecosocial Systems" (May 9)

International Society for Cultural Research and Activity Theory (Aarhus, Denmark) "Masculinization of the Discourse and Activities of Natural Science and Academic Professions" (June 8)

"Across the Scales of Time: Semiotic Artifacts, Actant Networks, and Heterochrony in the Analysis of Activity" (June 10)

University of London, Institute of Education. London Semiotics Circle. "Typological and Toplogical Semiotics in the Organization of Complex Systems" (July 9)

International Congress of Systemic Functional Linguistics (Cardiff, Wales)
"Hypertext Semantics" (July 15)

University of Barcelona, Faculty of Psychology. "Multiplying Meaning: Scientific Practice and Multimedia Constructions" (October 29)

International Conference on Ideas for a Scientific Culture (Museo de Ciencia / Fondacion La Caixa, Barcelona). "Teaching All the Languages of Science: Words, Gestures, Images, and Actions" (October 31)

1997.

Southeast Asian Ministers of Education Organization. Regional English Language Center, Singapore.
"Global Communication, Local Meaning: Learners in the Middle" (April 21)

Invitational Conference on Downward Causation in Complex Systems, Aarhus University (Denmark).
"Material Sign Processes and Emergent Ecosocial Organization" (May 24)

University of Vienna, Faculty of Linguistics and Applied Linguistics.
"Resources for Evaluative Meaning: Verbal Semantics and Visual Semiotics in Political Cartoons and Editorials" (June 10)

International Congress of Systemic Functional Linguistics, Toronto.
"Evaluative Meaning in Multimedia Genres" (22 July)

Society for Social Studies of Science, Tucson.
"Initiation and Practice: Things, Meanings, and Scales in Ecosocial Networks" (25 October)

1996.

American Association of Applied Linguistics, Chicago.
"Reflexivity, Function, and Evaluation: The Unity Of Discourse Analysis" (March 24)
"Resources for Attitudinal Meaning: Facts, Projections, and Epithets" (March 26)
"Second Language Learners and Science Education" (March 26)

American Educational Research Association, New York.
"Typological And Topological Meaning In Diagnostic Discourse" (April 11)
"Affective Engagement and the Genres Of School History" (April 12)

International Reading Association, New Orleans. Invited speaker. "Language, Ideology, and Learning." (April 28)

Ontario Institute for Studies in Education, University of Toronto. Invited speaker. "Typological And Topological Meaning" (June 12)

International Congress of Systemic Functional Linguistics, Sydney. "Resources for Attitudinal Meaning: Evaluative Language in Newpaper Editorials". (July 18)

Murdoch University (Australia), Faculty of Humanities. Invited speaker.
"Formal-Esthetic and Critical-Political Approaches to Discourse Analysis."
 (July 25)
"The Materiality of Sign Processes" (July 26)

Curtin University of Technology (Australia), National Key Center for Mathematics and Science Education. "Discourse Analysis and Science Education Research" (July 25)

Queensland University of Technology (Australia), School of Education.
"Typological and topological meaning in science and science education" (August 5)
"New Technologies and Changing Literacies" (August 9)

University of Copenhagen, Faculty of Humanities.
"Ecosocial Dynamics: Matter, Meaning, and Action" (October 25)

Philosophical and Psychological Society, Copenhagen
"Multimedia Semiotics: Topological and Typological Meaning" (October 24)

1995.

American Association for Applied Linguistics, Long Beach. "Graphical-Semantic Meaning in Scientific Text" (March 1995)

American Educational Research Association, San Francisco. "Emergent Agendas in Collaborative Activity" (April 1995)

National Association for Research in Science Teaching, San Francisco. "Talking Towers, Making Withs: The Role of Language in Inquiry Science Learning" (April 1995)

Florida Bilingual Mathematics & Science Education Initiative. "Whose Language? Whose Science? : Cultural Authority vs. Cultural Diversity in the Teaching and Learning of Science" (May 1995)

Harvard University, Graduate School of Education. Literacy Education Research Conference in Honor of Courtney Cazden, Plenary session discussant.

Clark University, Hiatt Center for Educational Research, Invitational conference on Discourse and Mind, "Literacies for 21st Century Minds". (May 1995)

Invited Lecture Series, Waterloo University (Canada), "Rhetoric, Discourse, and Attitudinal Meaning: Social Semiotic Perspectives" (July 1995)

Odense University (Denmark), Plenary Speaker, International Semiotics Conference: Codes and Intentionalities in the Emergence of Sign Processes, "Matter and Meaning: The Material Basis of Codes and Intentionalities." (October 1995)

National Reading Conference, New Orleans. Invited speaker. "Researching the Whole of Literacy." (December 1)

1994.

Los Alamos National Laboratory. "Organizations as Self-Organizing Ecosocial Systems" (January 26)

Fourth Conference on Computers, Freedom, and Privacy, Chicago. "The Coming Paradigm Wars in Education: Curriculum vs. Information Access." (March 26)

National Association for Research in Science Teaching, Anaheim. "Masculinism in Science and Science Education." (March 29)

American Educational Research Association, New Orleans. "Multiplying Meaning: Literacy in a Multimedia World" (April 8)

Clark University, Hiatt Center for Educational Studies. "The Social Construction of Individuality and Subjectivity." "Development of a Research Program in Language and Education." (May 2)

University of Delaware, College of Education. "Is Multiculturalism Eurocentric?" (May 9)

Australian Association of Teachers of English, Perth. "Narrative and Academic Literacy" (July 9)

Australian Literacy Conference, Perth. Keynote Address: "Living Literacy in the Information Age" (July 11).

Edith Cowan University, Perth. Seminar Series on Language and Literacy in Education. (July 15, 18, 21, 25, 27).

Sydney University, Department of Linguistics. Conference on Scientific Discourse. "Multiplying Meaning: Visual and Verbal Semiotics in Scientific Text" (July 20)

National Centre for Science and Mathematics Education, Curtin University, Perth. "Typology and Topology: Language and Visual Representation in Science and Mathematics" (July 22)

Murdoch University, School of Humanities. "Sciences, Genders, and Selves: Self-organization and the Organization of Self" (July 26)

Society for Literature and Science, New Orleans. "Meaning Making as Self-organization in Material Semiotic Systems". (November 13)

National Council of Teachers of English, Orlando. "Genre as a Strategic Resource". (November 18)

1993.

American Educational Research Association, Atlanta.
"The Missing Context in Science Education: Science" (April 13)

National Association for Research in Science Teaching, Atlanta.
"Multiplying Meaning: A Constructivist Agenda for Research in Science Education" (April 15)

York University, Toronto. Applied Linguistics Spring Colloquium.
"Between System and Text: Discourse Resources for Meaning Making"
(May 14)

University of British Columbia, Vancouver (Faculty of Education)
"New Directions for Language Education" (July 16)
"Critical Literacies for Science and Mathematics Education" (July 16)

International Congress of Functional and Systemic Linguistics, Victoria B.C. "Making Meaning with Language and Other Semiotic Systems"
(July 19)

Developmental Psychology Doctoral Program Seminar, CUNY. "Semiotics, Subjectivity, and Science" (October 19)

University of Delaware, Center for Science and Culture and Graduate School of Education. "Science, Masculinism, and the Gender System." (October 21)

National Reading Conference, Charleston SC. "Multiplying Meaning: Composing Multi-Media Texts." (December 3)

1992.

American Association for Applied Linguistics, Seattle.
"Functional Semantics and the Texture of Classroom Discourse" (February 29)

University of Western Australia, Perth
"Text Semantics, Classroom Discourse, and Academic English" (March 26)

University of Pittsburgh, Science Education Seminar
"Multiplying Meaning: Incommensurability and codeployment of language, depiction, and action." (June 11)

Murdoch University, Perth (Australia), School of Humanities
"Values and the Construction of Social Reality" (June 26)

Murdoch University, Perth (Australia), School of Education
"More than Words Can Mean: Word, Symbol, and Picture in Making Meaning" (July 1)

International Congress of Systemic Functional Linguistics, Sydney
"Semantics, Semiotics, and Grammatics: An Ecosocial View" (July 18)

Macquarie University, Sydney, School of English and Linguistics
"Discourse Analysis: Making Meaning with Transcripts" (July 27)

Information Technology and Education Electronic Conference. Internet Listserver
ITED-L@Deakin.oz.au (Deakin University, Australia)
"Education, cyberspace, and change." (November 21-30)

1991.

American Educational Research Association, Chicago. "Science, Semantics, and Social Change" (April 5)

York University, Glendon College (Toronto), Applied
Linguistics Spring Colloqium. "Dialect Diversity and Language Change" (April 20)

1990.

University of Helsinki, English Language Teaching Center.
"Text Semantics and Technical English" (April 4)

17th International Congress of Systemic Linguistics,
University of Stirling, Scotland. "Interpersonal Meaning in Discourse: Value Orientations."
(July 5)

1989.

Language in Education Conference, Murdoch University, Australia. "Literacy and Diversity"
(December 7)

Mathematics and Science Education Research Conference, Queens College, CUNY. "Getting
Technical: Semantics and the Teaching of Science and Mathematics" (October 13)

16th International Congress of Systemic Linguistics, Helsinki, Finland.
 "Textproduction and Dynamic Text Semantics" (June 12);
 "Voices and Values: Interpersonal Meaning in Discourse" (June 15)

1988.

Boston University Language Development Conference, Literacy Symposium.
 "Literacy, Language Conflict, and Social Change" (October 23)

15th International Congress of Systemic Linguistics,
Michigan State University (Lansing). "Semantics and Social Values" (August 10)

International Applied Linguistics Colloquium, York University (Toronto). "Ideology,
Intertextuality, and the Communication of Science" (April 23)

1987.

14th International Congress of Systemic Linguistics, Sydney
"Semantics, Ideology, and Change" (August 27)

8th International Congress of Applied Linguistics, Sydney
"Technical Discourse and Technocratic Ideology" (August 20)

International Summer Institute of Semiotic and Structural Studies, Toronto. "Meaning and Power" (June 4)

International Reading Association, Anaheim "Reading, Writing, and the Genres of Power" (May 7)

American Educational Research Association, Washington DC "Talking Science: Content, Conflict, and Semantics" (April 23)

1986.

13th International Systemic Linguistics Congress, University of Kent, Canterbury U.K. "Text Structure and Thematic Organization" (July 17)

Conference on Literacy Education, University of Michigan, Ann Arbor. "Writing the Genres of Power" (March 8)

1985.

12th International Systemic Linguistics Meetings, University of Michigan, Ann Arbor (August 22) "Discourses in Conflict: Heteroglossia and Text Semantics"

Murdoch University (Perth, Australia) Lectures on Social Semiotics and Discourse. (August 1-5)

Sydney University, Department of Linguistics "Ideology and Register Revisited" (July 29)

Sydney Association for Studies in Society and Culture "Textual Politics: Heteroglossia and Discourse" (July 25)

Sydney University, Department of Anthropology "Constructing the Social Individual" (July 11)

International Summer Institute of Semiotic and Structural Studies (University of Toronto). "Social Semiotics of Schooling" (June 14)

1984.

International Summer Institute of Semiotic and Structural
Studies (University of Toronto). "Textual Politics:
Heteroglossia, Discourse Analysis, and Social Dynamics
(June 5).

Conference on Communication in the Post-Indusrtrial Age (Rochester Institute of Technology).
"Communicating Science and Scientific Ideology" (April 26).

Harvard University, Graduate School of Education.
"Classroom Communication of Science" (March 7)

1983.

Language in Education Conference (Deakin University, Australia). "What Should Teachers Know
About Language?"
(August 24)

School of Humanities, Deakin University (Australia).
"Discourse Analysis and the Social Study of Science" (August 16)

Faculty of Education, Monash University (Melbourne).
"Analyzing Science Classroom Interaction" (August 9)

Faculty of Psychology, University of Sydney. "Teaching Science and the Ideology of Science."
(July 8)

Department of Linguistics, University of Sydney.
"From System to Text: Semantic Strategies in Discourse" (July 4)

Macquarie University and Sydney Linguistic Circle.
"At the Frontiers of Coherence: Text Semantics in Contemporary Poems" (July 1)

Department of Anthropology, University of Western Australia
"The Ethnographic Study of One's Own Culture"

School of Human Communications (Murdoch University, Australia).
Series of lectures (June 17-24):
"Ideology, Intertextuality, and Register"
"Semiotic Modalities in Text"
"Communicating Science and Scientific Ideology"

Applied Linguistics Colloquium, York University (Toronto).
"Rhetorical and Thematic Strategies in Hemingway's `The Sea Change' " (April)

Information Sciences Institute (University of Southern California). "Text-Planning Strategies" (April)

1982.

Ninth International Systemic Linguistics Conference (Toronto).
 "Ideology, Intertextuality, and the Notion of Register" (August 27)

Department of Linguistics, University of Sydney.
 "The Variety of Intertextual Relations" (July)

Joint U.S.-Australian Invitational Conference on Language in Social and Cultural Context.
"Dialogues in a Science Classroom: Thematic-Interactional Analysis" (July 6)

Schools of Education and Human Communication, Murdoch University (Australia).
Series of lectures (August 2-4)
"Making Meanings in an Open System"
"Doing Classroom Discourse"
"Making Trouble: System Stability and Change"

Department of Anthropology, University of Western Australia.
"Issues in Discourse Analysis and Ethnographic Practice" (August 5)

1981.

University of Birmingham (U.K.), Department of English Language and Linguistics. "Analyzing Science Classroom Discourse" (June 16)

University of Essex (U.K.), Department of Linguistics.
Recursive Praxis and Synthetic Theory: Dynamic Constructions of the Theorist" (May 21)

Macquarie University (Australia), Department of English and Linguistics. "Discourse Analysis in the Communication of Science" (March 30)

1980.

Center for the Study of the Transmission of Culture,
Departments of Anthropology and Linguistics, State University of New York (Buffalo).
"An Epistemology for the Practicing Behavioral Scientist" (February 29)

National Science Foundation (U.S.), Research in Science and Mathematics Education Meeting (Athens, Georgia). "Classroom Communication of Science" (March 14)

University of Chicago, Graduate School of Education.
"First Principles for the Study of Instructional Communication"
(April 28)

SUNY-Buffalo, Center for the Study of the Transmission of Culture.
Two lectures, (September 12-13):
>   "Counterfunctional Dynamics in Education and Schooling"
>   "Making Meaning in Interaction"

Third International Congress on the History of Oceanography
(Woods Hole Oceanographic Institution).
 "New Results on the Acceptance of Plate Tectonics" (September 26)

University of London, Institute of Education. Departments of English Language, Science Education,
English as a Foreign Language (November-December):
>   "Making Meaning in Science Classrooms"
>   "Use of Discourse in the Science Classroom"
>   "Language as a System of Action"

1979.

Arts Faculty Seminar, University of Sydney.
 "Action, Context, and Meaning" (September)

1978.

UNESCO International Conference on Integrated Science Education Worldwide (University of
Nijmegen, Netherlands)
"Helping Teachers Widen Social Access to Science" (April)

1977.

University of Michigan, Invitational Conference on Dialogue and Language Development.
"Cognitive Dialectics in Dialogue" (December)

1976.

Conference on Dialogues and Biographies.
"The Structure of Instructional Dialogues" (Cape Cod: August)

1975.

Federation for Unified Science Education.
 "Science and Human Systems: A New Literacy"

UNESCO International Conference on Integrated Science Worldwide (University of Maryland, College Park)
"Assessment and Evaluation of Teaching in Science"