# **Bibliography of the Works of Alan G. Gross**



*Poroi* 10,2 (December, 2014)

### Books

- With Harmon, J.E. *Science from Sight to Insight: How Scientists Illustrate Meaning* Chicago: University of Chicago Press, 2013.
- With Harmon, J.E. *The Craft of Scientific Communication*. Chicago: University of Chicago Press, 2010.
- With Harmon, J.E. (Eds.) *The Scientific Literature: A Guided Tour*. Chicago: University of Chicago Press, 2007.
  - Winner: National Council of Teachers of English best book on science and technology.
- Starring the Text: The Place of Rhetoric in Science Studies. Carbondale: Southern Illinois Press, 2006.
- Chaïm Perelman. With Dearin, R. Albany: SUNY Press, 2002.
- With Harmon, J.E. and M. Reidy. *Communicating Science: The Scientific Article From the 17<sup>th</sup> Century to the Present*. New York: Oxford University Press. 2002.
- *The Rhetoric of Science*. 2nd edition. Cambridge, MA: Harvard University Press, 1996.
- *The Rhetoric of Science*. 1st edition. Cambridge, MA: Harvard University Press, 1990.

# Collections

- With Walzer, A. (Eds.) *Rereading Aristotle's* Rhetoric. Carbondale: Southern Illinois, 2000.
- With Keith, W. (Eds.) *Rhetorical Hermeneutics: Invention and Interpretation in the Age of Science.* Albany: SUNY Press, 1996.

# **Rhetorical Theory and Criticism**

"The Public Sphere and Rhetorical Criticism: A Cautionary Tale." Argument and Advocacy 49 (2012): 141-44.

- "Systematically Distorted Communication: An Impediment to Social and Political Change." *Informal Logic* 30 (2010): 335-360.
- "Rhetoric, Narrative, and the Life-World: The Construction of Collective Identity." *Philosophy and Rhetoric* 43 (2010): 118-138.

"Toward a Theory of Verbal-Visual Interaction: The Example of Lavoisier." *Rhetorical Society Quarterly* 39 (2009): 147-169.

"Solving the Mystery of Presence: Verbal/Visual Interaction in

Darwin's Structure and Distribution of Coral Reefs." In Ribeiro, H.
J., (Ed.) *Rhetoric and Argumentation in the Beginning of the XXIst Century*. (Pp. 203-22).Coimbra: University of Coimbra Press, 2009. Reprinted in Gage, J.T., (Ed.) *The Promise of Reason: Studies in the New Rhetoric*. (Pp. 83-102). Carbondale: Southern Illinois Press, 2011.

"Presence as a Consequence of Verbal-Visual Interaction: A Theoretical Approach," *Rhetoric Review* 28 (2009): 265-284.

- "Teksten er Stjerne: Retorikkens Plads I Studiet Af Videnskaberne." *Rhetorica Scandinavica* 41 (2007): 26-35.
- "Habermas, Systematically Distorted Communication, and the Public Sphere." *Rhetoric Society Quarterly* 36 (2006): 309-330.
- "Scientific and Technical Controversy: Three Frameworks for Analysis." *Argument and Advocacy* 42 (2006): 43-47.
- "Presence as Argument in the Public Sphere." *Rhetoric Society Quarterly* 35 (2005): 5-21.

"The Role of Subjectivity in Public Controversy." In Barrotta, P., and M. Dascal, (Eds). *Controversies and Subjectivity*. Pp. 337-352). Amsterdam: John Benjamins, 2005.

"Perelman, Presença ea esfera pública." In Oliviera, E. C., (Ed.) *Chaïm Perleman: Direito, Retórica E Teoria Da Argumentação.* (Pp. 13-31). Feira de Santana-Baha-Brasil: Universidade Estadual de Feira de Santana, 2004.

"Why Hermagoras Matters: The Fourth Stasis and Interdisciplinarity." *Rhetoric Review* 23 (2004): 141-55.

"Lincoln's Use of Constitutive Metaphors." *Rhetoric and Public Affairs* 7 (2004): 173-190.

- "Accounting for Rhetorical Change: The Case of the Founding of the Austrian Academy of Science." *Rhetoric Review* 22 (2003): 40-60.
- "When Nations Remember: Hiroshima in the American Consciousness and Conscience." *Prospects: An Annual of American Cultural Studies* 27 (2002): 467-488.
- With Dascal, M. "The Conceptual Unity of Aristotle's *Rhetoric*." *Philosophy and Rhetoric* 34 (2001): 275-291.
- "Rhetoric as a Technique and as a Mode of Truth: Reflection on Chaïm Perelman." *Philosophy and Rhetoric* 33 (2000): 319-335.
- With Walzer, A. and M. Secor. "The Uses and Limits of Rhetorical Theory: Campbell, Whately, and Perelman and Olbrechts-Tyteca on the Earl of Spencer's 'Address to Diana'." *Rhetoric Society Quarterly* 21 (1999): 41-62.
- With Dascal, M. "The Marriage of Pragmatics and Rhetoric," *Philosophy and Rhetoric* 32 (1999): 107-130. Reprinted in M. Dascal (Ed.) *Interpretation and Understanding*. (Pp. 600-622). Amsterdam: John Benjamins 2003.
- "A Theory of the Rhetorical Audience: Reflections on Chaïm Perelman." *Quarterly Journal of Speech* 85 (1999): 203-211.
- "What if We're Not Producing Knowledge?" Southern Journal of Speech Communication 58 (1993): 301-305.
- "The Experiment as Text: The Limits of Literary Analysis." *Rhetoric Review* 11 (1993): 290-300.
- "The Rhetoric of Science and the Science of Rhetoric." In Halsall, A. W., (Ed.) *Proceedings of the Canadian Society for the Study of Rhetoric*, Vol 4. 1991-92. (Pp. 8-35). 1993.
- "Rhetoric of Science Without Constraints." *Rhetorica* 9 (1992): 283-299.

#### Science and Technology

- With Chelsey, P. "Hedging, Stance, and Voice in Medical Research Articles." In K. Hyland and C. Sancho Gunia, (Eds). *Stance and Voice in Academic Writing*. (Pp. 85-100). New York: Palgrave Macmillan, 2012.
- "A Model for the Division of Semiotic Labor in Scientific Argument: The Interaction of Words and Images." *Science in Context* 24 (2011): 517-44.

- With Harmon, J. "The Structure of PowerPoint Presentations: The Art of Grasping Things Whole." *IEEE Transactions on Professional Communication* 52 (2009): 121-137.
- "The Continuity of Scientific Discovery and Its Communication: The Example of Michael Faraday." *Journal of Biomedical Discovery and Collaboration* 4 (2008): 1-18.
- "The Brains in *Brain:* The Co-evolution of Localization and its Images." *Journal of the History of the Neurosciences* 17 (2008): 380-92.
- "Rhetoric of Science." In W. Donsbach, (Ed). *The International Encyclopedia of Communication*. Vol. IX. (Pp. 4339-43). Malden, MA: Blackwell Publishing, 2008.
- "Medical Tables, Graphics, and Photographs: How They Work." Journal of Technical Writing and Communication 37 (2007): 419-33.
- "Darwin's Diagrams: Scientific Visions and Scientific Visuals." In Fleckenstein, K.S., S. Hum, and L. Calendrillo, (Eds). *Ways of Seeing, Ways of Speaking: The Integration of Rhetoric and Vision in Constructing the Real.* (Pp. 52-80). West Lafayette, IN: Parlor Press, 2007.
- "The Verbal and the Visual in Science: A Heideggerian Perspective." Science in Context 19 (2006): 443-474.
- With Harmon, J. "What's Right About Scientific Writing." *The Scientist* 13 (1999): 20.
- "Learned Ignorance." Two Be: A Journal of Ideas 13 (1998): 94-96.
- With Walzer, A. "The *Challenger* Disaster and the Revival of Rhetoric in Organizational Life." *Argumentation* 11 (1997): 75-93.
- With Harmon, J. "The Scientific Style Manual: A Reliable Guide to Practice?" *Technical Communication* 43 (1996): 61-72.
- "Renewing Aristotelian Theory: Cold Fusion as a Test Case." *Quarterly Journal of Speech* 81 (1995): 48-62.
- With Walzer, A. "Positivists, Postmodernists, and Aristotelians and the Challenger Disaster." *College English* 56 (1994): 420-33.
- "Ending it All: Closure in Science and Its Philosophy." Argumentation 8 (1994): 9-20.
- "Does the Rhetoric of Science Matter? The Case of the Floppy Eared Rabbits." *College English* 53 (1991): 933-943.

- "Extending the Expressive Power of Language: Tables, Graphs, and Diagrams." *Journal of Technical Writing and Communication* 20 (1989-90): 221-235.
- "A Primer on Tables and Figures." *Journal of Technical Writing and Communication* 13 (1983): 33-55.

#### **Medical Science**

- Gross, A.G. et al. "All That Glitters is Not Gold: A Survey on Acknowledgement of Limitations in Biomedical Studies." *PLOS One* 8(11) (2013): e73623
- With Stärke-Meyering, D. "Medical Advice Editorials: Transferring Medical Science into Clinical Practice." *Journal of Laboratory and Clinical Medicine* 134 (1999): 185-89.
- "Defining Occupational Disease: An Archaeology of Medical Knowledge." In Huspek, M. and G. Radford, (Eds.) *Transgressing Scientific Discourses: Communication and the Voice of the Other*. (Pp. 269-287). SUNY Press, 1997.
- With Hammerschmidt, D. "The Problem of Biomedical Fraud: A Model for Retrospective and Prospective Action." *Journal of Scholarly Publishing* 27 (1995): 3-11.
- With Hammerschmidt , D. "Withdrawal of Aegis? So What's That?!" *Journal of Laboratory and Clinical Medicine* 123 (1994): 792-794.
- With Hammerschmidt, D. "Allegations of Impropriety in Manuscripts of Aws S. Salim: Examination and Withdrawal of Aegis." *Journal of Laboratory and Clinical Medicine* 123 (1994): 795-799.

#### **Philosophy of Science**

- "Some limits of Non-Dualism." *Constructivist Foundations* 8 (2013) N. p.
- "Kuhn's Incommensurability." In R. A. Harris, (Ed.) *Rhetoric and Incommensurability*. (Pp. 179-197). Albany: SUNY, 2003.
- "Is a Science of Language Possible? The Derrida-Searle Debate." Social Epistemology 8 (1994): 345-359.
- "On Not Taking Sides [in the Derrida-Searle Debate]." Social Epistemology 8 (1994): 373-381.
- "Reinventing Certainty: The Significance of Ian Hacking's Realism." In Fine, A., M. Forbes, and L. Wessels (Eds.) *PSA 1990. Proceedings of the 1990*\_*Biennial Meeting of the Philosophy*

*of Science Association*. (Pp. 421-31). East Lansing: Philosophy of Science Association, 1990.

- "Adaptation in Evolutionary Epistemology: Clarifying Hull's Model." *Biology and Philosophy* 3 (1988): 185-86.
  - See also Hull's comments on Pp. 252-53.

"Philosophy Versus Science: The Species Debate and the Practice of Taxonomy." In Fine, A. and M. Forbes (Eds.) *PSA 1988. Proceedings of the 1988 Biennial Meeting of the Philosophy of Science Association.* (Pp. 223-230). East Lansing: Philosophy of Science Association, 1988.

#### **Sociology of Science**

- "The Science Wars and the Ethics of Book Reviewing." *Philosophy* of the Social Sciences 30 (2000): 445-50.
- With Harmon, J. and M. Reidy. "Argument and 17<sup>th</sup> Century Science: A Rhetorical Analysis with Sociological Implications." *Social Studies of Science* 30 (2000): 371-96.
- "Do Priority Conflicts Tell Us Anything About Science?" *Science in Context* 11 (1998): 161-179.
- "The Roles of Rhetoric in the Public Understanding of Science." *Public Understanding of Science* 3 (1994): 3-23.
- "Is a Rhetoric of Science Policy Possible?" *Social Epistemology* 8 (1994): 273-280.
- "The Battle Over Sociobiology." *Social Epistemology* 6 (1992): 165-74.

#### **Essay Reviews and Encyclopedia Articles**

- "Rhetoric of Science." *International Encyclopedia of Communication*. Vol. 9. 4339-4342. Oxford: Wiley-Blackwell, 2008.
- With Schiappa E., R. E. McKerrow, and R. L. Scott. "Rhetorical Studies as Reduction or Redescription? A Response to Cherwitz and Hikins." *Quarterly Journal of Speech* 88 (2002): 112-120.
- "Current Trends in Rhetorical Studies in the West." *Journal of Jinan University* 22 (2000): 34-37. Reprinted in *Linguistics and Philology of the People's University of China Social Sciences Information Center* 3: 2001.

- "Richard Harvey Brown as Text." *Quarterly Journal of Speech* 85 (1999): 212-222.
- "Science as Culture." American Literary History 7 (1995): 169-186.

"A Disorder of Being: Heroes, Martyrs, and the Holocaust. *Postmodern Culture* 5.2 (1995): <u>http://jefferson.village.virginia.edu/pmc/text-</u> <u>only/issue.195/review-2.195</u>

- "Theory, Method, Practice." College English 56: (1994): 828-840.
- "Rhetorical Imperialism in Science." *College English* 55: (1993): 82-87.
- "An English Professor Looks at the Scientific Article. An Essayreview of Charles Bazerman, *Shaping Written Knowledge: The Genre and Activity of the Experimental Article in Science.*" *Studies in History and Philosophy of Science* 21 (1990): 341-349.
- "The Rhetoric of Science." In Enos, T., (Ed.) *Encyclopedia of Rhetoric and Composition: Communication from Ancient Times to the Information Age.* (Pp. 622-627). New York: Garland Publishing, 1996.
- "Paradigm Shift." In Enos, T., (Ed.). *Encyclopedia of Rhetoric and Composition: Communication from Ancient Times to the Information Age*. (Pp. 491-492). New York: Garland Publishing, 1996.

### Miscellany

- "The Justification of Prince Hal." *Texas Studies in Literature and Language: A Journal of the Humanities* 10 (1968): 27-35.
- "The Text of Hal's First Soliloquy." *English Miscellany: A Symposium of History, Literature and the Arts* 18 (1967): 49-54.