

August 1, 2010

**SHORT ACADEMIC RESUME
KENNETH JACOB KNOESPEL**

McEver Professor of Engineering and the Liberal Arts, Georgia Tech
Professor, Literature, Communication & Culture, Georgia Tech
Professor, School of History, Technology and Society, Georgia Tech
Adjunct Professor, College of Architecture, Georgia Tech

Educational Background

Ph.D.	1982	University of Chicago	Comparative Literature
M.A.	1975	University of Chicago	Comparative Literature
B.A.	1969	University of Wisconsin	Philosophy

Employment History

- Interim Dean, Ivan Allen College, Georgia Tech 2009-2010
- Adjunct Professor, College of Architecture, Georgia Tech 2009-present
- Chair, School of Literature, Communication, and Culture 2003-2009
- Associate Dean, Ivan Allen College, Georgia Tech 2000-2003
- Interim Dean, Ivan Allen College, Georgia Tech 1998-1999
- Associate Dean, Ivan Allen College of Management,
Policy, and International Affairs 1997-1998
- Visiting Professor, Russian Academy of Sciences, St. Petersburg Spring 1996
- Professor, School of Literature, Communication, and Culture 1995-present
- Professor, School of History, Technology, and Society 1995-present
- Director, School of Literature, Communication, and Culture,
Georgia Tech 1993-1997
- Associate Professor, School of History, Technology
and Society, Georgia Tech 1991-1995
- Associate Professor, English Department and
School of Literature, Communication, and Culture
Georgia Tech 1988-1995
- Interim Director, School of Literature, Communication,
and Culture, Georgia Tech 1990-1993
- Visiting Associate Professor, Hebrew University Jerusalem Spring 1989
- Assistant Professor and Fellow, Society for the Humanities,
Cornell University 1986-1987
- Assistant Professor, English Department, Georgia Tech 1983-1988
- Visiting Assistant Professor, English Department,
University of Chicago 1982-1983
- Lecturer, English Department, Roosevelt University 1977-1981
- Lecturer, Department of Germanic Languages and
Literatures, University of Chicago 1976-1977
- Lecturer, English Department, University of Uppsala
Uppsala, Sweden 1970-1973

Selected Refereed Publications

- 35) 'Russia,' in *The Routledge Companion to Literature and Science* ed. Bruce Clarke and Manuela Rossini (London: Routledge, 2010), 486-496.
- 34) "Nostalgia in the Age of Technological Representation: Aby Warburg's *Mnemosyne* and Walter Benjamin's *Arcades Project*" (forthcoming in *Speilraum: Benjamin et l'Architecture* ed. Libero Andreotti (Editions La Villette: Paris, 2010).
- 32) "Linnaeus and the Siberian Expeditions: Translating Political Empire into a Kingdom of Knowledge" (forthcoming in *Trends in Linguistics*, a series published by Mouton de Gruyter: Berlin) ed. Britt-Louise Gunnarsson commemorating 250-year celebration of Linnaeus. (2010)
- 32) "Continuous Materiality Through a Hierarchy of Computational Codes" (with Jichen Zhu) *Théorie, Littérature, Enseignement (TLE)* 25 (2008) [Presses Universitaires de Vincennes], 235-247.
- 31) "Observations on the Early Legacy of Isaac Newton in America and Russia" in *Russian-American Links: Similar Issues—Different Visions* (St. Petersburg: Russian Academy of Sciences Press, 2007), 258-269.
- 30) "Diagrammes, Matérialité et Cognition," in *Penser par le diagramme de Gilles Deleuze à Gilles Châtelet*, *TLE* 22 (2004) [Presses Universitaires de Vincennes], 143-163.
- 29) "The Edge of Empire: Olof Rudbeck and Mikael Lomonosov and the Historiography of Northern Europe" in *Search of an Order: Mutual Representations of Scandinavia and Russian during the Early Age of Reason* ed. Ulla Birgegård and Irina Sandomirskaja [Södertörn Academic Studies 19], (Huddinge: Södertörns högskola, 2004), 129-154.
- 28) "Building Space and Myth at the Edge of Empire: Space Syntax Analysis of St. Petersburg:1703-1913" in *Proceedings Space Syntax Fourth International Symposium*, University College London ed. Julianne Hanson (Space Syntax Laboratory: University College London, 2003), 17.1-17.14.
- 27) "Mikhail Bakhtin's American Legacy: Metamorphoses and the Practice of Cultural Theory," in *Russian-American Links: 300 Years of Cooperation* ed. Yuri P. Tretyakov and Natalia A. Alexandrova (St. Petersburg: Akademicheskyy Projekt, 2003).
- 26) "Diagrams and the Anthropology of Space," Introduction to *Diagrams and the Anthropology of Space* ed. Kenneth J. Knoespel, *Philosophica* 70 (2002) [University of Gent], 5-9.
- 25) "Diagrammatic Transformation of Architectural Space" in *Philosophica*, 70 (2002) [University of Gent], 11-36.
- 24) "La Construction Spatiale du Sens en Architecture: Un Project Transdisciplinaire," (with John Peponis, Yves Abrioux, Aarati Kanekar, Iris Lycouriosti, Antonis Touloumis, Katerina Michalopoulou, Ioanna Spanou, Evelyn Gavrilou), *TLE* 20 (Saint-Denis: Presses

- Universitaires de Vincennes (2002), 139-156.
- 23) Diagrams as Piloting Devices in the Philosophy of Gilles Deleuze," *TLE* 19 (Saint-Denis: Presses Universitaires de Vincennes, 2001), 145-163.
 - 22) "Models and Diagrams within the Cognitive Field," (Chinese translation), *Model-Based Reasoning in Scientific Discovery*, ed. Lorenzo Magnani, Nancy J. Nersessian, and Paul Thagard (Beijing: n.p., 2001), 63-79.
 - 21) "Russian Discourse Communities in the Information Age" in *Communication, Culture, and Language in the Open World of Science* (St.Petersburg: Russian Academy of Science: 1999),
 - 20) "Diagrammatic Writing and the Configuration of Space," Introduction to Gilles Châtelet, *The Configuration of Space* (Dordrecht: Kluwer Academic Publishers, 2000), ix-xxiii; English translation of, *Les enjeux du mobile: mathématique, physique, philosophie* (Paris: Seuil, 1993).
 - 19) "Models and Diagrams within the Cognitive Field," *Model-Based Reasoning in Scientific Discovery*, ed. Lorenzo Magnani, Nancy J. Nersessian, and Paul Thagard (Dordrecht: Kluwer, 1999), 59-73.
 - 18) "Interpretive Strategies in Newton's *Theologiae gentilis origines philosophiae*," *Newton and Religion* eds. Richard Popkin and James E. Force (Dordrecht: Kluwer Academic Publishers 1999), 181-204.
 - 17) "L'Écriture, le chaos et la démystification des mathématiques," *TLE* (Saint-Denis: Presses Universitaires de Vincennes, 1994), 41-68.
 - 16) "Word and Image in Multimedia" (with David Jay Bolter) in *Multimedia: System Architectures and Applications* ed. José Encarnação and Jim Foley (Berlin: Springer-Verlag, 1994), 237-253.
 - 15) "Reshaping the Earth: Olov Rudbeck and the Transformation of Sweden," *Cultural Exchange Between European Nations During the Renaissance* (Uppsala: Almqvist & Wiksell, 1994), 193-212.
 - 14) Chinese translation of "The Emplotment of Chaos: Instability and Narrative Order" in *Chung-Wai Wen Hsueh* [Literary Monthly of National Taiwan University], Vol. 21:12 (May, 1993), 24-50.
 - 13) "Word and Image in Multimedia" (with David Jay Bolter) in *Multimedia: System Architectures and Applications* ed. José Encarnação and Jim Foley, ZGDV, 1993 [Zentrum für Graphische Datenverarbeitung, Darmstadt] 71:93, n. p.
 - 12) "Deciphering the Barbarians: Ovid's *Metamorphoses* and the Assimilation of the New World" in *Mundialización de la ciencia y cultura nacional* ed. A. Lafuente, A. Elena, and M. L. Ortega (Madrid: Universidad Autónoma de Madrid/Doce Calles, 1993), 173-178.
 - 11) "Gazing on Technology: *Theatrum Mechanorum* and the Assimilation of Renaissance

Machinery" in *Literature and Technology* ed. Mark L. Greenberg and Lance Schachterle (London/Toronto: Associated University Presses, 1992), 99-124. [Reviewed in HTA Review (Fall 1993), 36-40].

- 10) "The Emplotment of Chaos: Instability and Narrative Order" in *Chaos and Order: Complex Dynamics in Literature and Science* ed. N. Katherine Hayles (Chicago: Univ. of Chicago Press, 1991), 100-122. (reviewed by Brian Rotman in Times Higher Education Supplement, December 20, 1992).
- 9) "When the Sky was Paper: Dante's Cranes and Reading as Migration" in *Lectura Dantis Newberryana*, vol. 2, ed. Paolo Cherchi and Antonio C. Mastrobuono (Evanston: Northwestern Univ. Press, 1990), 121-146. (requested by library of The Warburg Institute, University of London, January 28, 1993)
- 8) "The Mythological Transformations of Renaissance Science," in *Literature and Science as Modes of Expression*, ed. Frederick Amrine [Boston Studies in the Philosophy of Science, Vol. 115], (Dordrecht: Kluwer Academic Publishers, 1989), 99-112.
- 7) "Newton in the School of Time: The Chronology of Ancient Kingdoms Amended and the Crisis of Seventeenth-Century Historiography." *The Eighteenth-Century: Theory and Interpretation*, Vol. 30:3, Autumn 1989, 19-41.
- 6) "Milton and the Hermeneutics of Time: Seventeenth-Century Chronologies and the Science of History," *Studies in the Literary Imagination: The Literary Uses of the Rhetoric of Science*, Vol. 22:1, Spring 1989, 17-35.
- 5) "The Narrative Matter of Mathematics: John Dee's Preface to the Elements of Euclid of Megara (1570)," *Philological Quarterly*, Fall 1987, 27-46.
- 4) "From Poetry to History: Ovid's Metamorphoses and Seventeenth-Century Historiography," *Renaissance Studies* 1986 (Annual), 111-121.
- 3) "The Limits of Allegory: Textual Expansion of Narcissus in Milton's Paradise Lost," *Milton Studies* [Annual] 22 (1986), 79-99.
- 2) "Fable and The Epistemology of Expanding Narrative," *Hartford Studies in Literature* 17:2 (1985), 28-48.
- 1) "A Note on Petrus Crinitus and the Invention of the Alphabet," *Italia medioevale e umanistica* 26 (1983), 279-82.

Selected Non-Refereed Publications

- 12) "Efterskrift," in Lars Bäckström, *För dagligt bruk: Dikter, Kort Prosa* (Skellefteå: Ord & Visor Förlag, 2004), 75-82. [In Swedish]
- 11) "En diktare på cykel: Författaren Lars Bäckström porträtteras," *Uppsala nya tidning* (18 February, 2000, 12. [Swedish essay on the life, poetry and criticism of Lars Bäckström published on the cultural page of the major newspaper in Uppsala, Sweden.]
- 10) "Defining Interdisciplinarity," Forum, *Publications of the Modern Language Association*

(PMLA) 111:2 (1996), 304-305.

- 9) "Stevens Seaberg: The Aesthetics of Everyday Life," *Leonardo* 28:1 (Cambridge: MIT Press, 1995), 26.
- 8) Review of Anthony Grafton (with April Shelford and Nancy Siraisi), *New Worlds, Ancient Texts: The Power of Tradition and the Shock of Discovery* (Cambridge: Harvard Univ. Press, 1992) *Isis* 85:2 (1994) 690-92.
- 7) Editorial Preface to special *Configurations* issue devoted to "Communities of Science and Culture in Russian Science Studies," *Configurations* 1:3 (Fall 1993), v-vi.
- 6) Review of John S. Mebane, *Renaissance Magic & the Return of the Golden Age: The Occult Tradition and Marlowe, Jonson, and Shakespeare* (Lincoln: Univ. of Nebraska Press, 1989) *Isis* 82:4 (1991), 731-32.
- 5) Review of Victoria Kahn's *Rhetoric, Prudence, and Skepticism in the Renaissance* (Ithaca: Cornell University Press, 1985) *Modern Philology* 85:2 (1987), 198-201.
- 4) "Interpretive Strategies and the Two Cultures," *Humanities* 7:5 (1986), 16-18.
- 3) Review of *The Works of Thomas Vaughan* ed. Alan Rudrum with the assistance of Jennifer Drake-Brockman (Oxford: Clarendon Press, 1984) *Cauda Pavonis: The Hermetic Text Society Newsletter*, 4:2 (1985), 5-6.
- 2) Review of *Classical Theories of Allegory and Christian Culture* by Philip Rollinson (Pittsburgh: Duquesne University Press, 1981) in *Religious Studies Review*, 11:1 (1985), 61.
- 1) Review of Harold Skulsky's *Metamorphosis: The Mind in Exile* (Cambridge: Harvard University Press 1981) in *Modern Philology*, 82:2 (1984), 228-30.

Books (Published and In Preparation)

- 5) Isaac Newton, *Theologiae Gentilis Origines Philosophicae* (Yahuda Ms. 16.2 National Library of Israel, Jerusalem) ed. Robert Iliff, The Newton Project (Devoted to the publication of Isaac Newton's manuscripts; sponsored by the English Royal Society) [Sussex: The Newton Project, 2008], n.p. [URL The Newton Project]
- 4) *Narcissus and the Invention of Personal History* (New York: Garland Press, 1985). Reviews: *Modern Philology*, Vol. 85:3 (February 1988), 309-10; *Speculum*, Vol.63:2 (April 1988), 423-24.
- 3) *Ovidian Space: Myth, History, and the Emergence of Natural Philosophy* (under revision)
- 2) *Thinking Space: Introduction to Diagrams* (under revision)
- 1) *An Empire of Knowledge: Sweden and the Transformation of Northern Historiography in the Seventeenth and Eighteenth-Centuries* (research)

Exhibitions/Screenings

- *En transit*, Dalton Gallery, Agnes Scott College, Atlanta, Georgia, September 23, 2010.
- *En transit*, Animation Attack: Midtwon Art Cinema (Animated Shorts Program), August 26 2009
- ‘En transit,’ Installation for Exhibition, ‘Patterns of Perception’ École Nationale Supérieure d’Architecture de Paris La Villette, 14-30 November, 2007 (with Sara Hornbacher and Hartmut Koenitz).
- “Framing the Foundations: An Exhibition of Rare Books in the History of Science and Technology,” Price Gilbert Memorial Library, Georgia Tech, (with Crit Stuart) October 11, 1985 - February 28, 1986.

Research and Development

- Visiting Researcher, University of Paris VIII (January-June 2011)
- Visiting Researcher, Center for Baltic and Eastern European Studies, Södertörn University Stockholm (August-December 2010)
- “Future of the Museum: Lecture Series Devoted to Louvre/Atlanta,” Georgia Tech (2006) (\$15,000)
- Member of the planning team for “A Workshop for the Creation of a New International Research Network in Cultural Theory, Film and Media” (June 17-19, 2006); Funded through Södertörn University, Stockholm. (\$5,000)
- Grant application, “Liquid Borders/Baltic Bodies: Personal, Political, Cultural” (with Irina Sandomirskya, Tomas Glanc, Natasha Dubcek-Meyer, Lars Kleberg) submitted to Baltic Studies Institute, March 2005. Request for resubmission August 2006.
- Development of James Bynum Jr. Undergraduate Student Support Services Suite and Undergraduate Fellowship (\$50,000 gift from Stephen C. Hall). Dedication October 28, 2005.
- Vinova Foundation Support for guest professorships in Sweden (Fall 2005 – present)
- Invited Board of Advisors for “Centre for Sustainable Communications” funded by Vinova Endowment, Stockholm by Royal Institute of Technology (Charlie Gulström) (\$700,000) Fall 2006)
- “New Media Studies and the Transformation of Literary Scholarship,” [with Jay Bolter and Danuta Fjellestad (Blekinge Tekniska Högskola) Submitted to Rockefeller Foundation October 31, 2004 [Not awarded January 15, 2005].
- Oral History of Soviet Polar Science: Establishing a Research Program and A Permanent Archive NSF Grant 097394084 (Invited for resubmission)
- Scholars Program Award U.S. State Department for lectures in St. Petersburg, Petrozavodsk,

and Archangel, Russia March-April 2003.

- National Science Foundation Delegation to University of Capetown and Cape Peninsula University of Technology, Capetown, South Africa, October 25 – November 2, 2003.
- NEH Challenge Grant Application for McEver Program in Engineering and the Liberal Arts (with Ski Hilenski and Shannon Dobranski) Submitted April 2003; Declined December 2003.
- “Global Classroom Project” \$300,000 [Submitted to the U.S. State Department] (Declined Fall 2003).
- Bruce McEver Visiting Chairs in Poetry, School of Literature, Communication and Culture, Fall 2000, \$1.5M.
- Henry and Margaret Bourne Chair in Poetry, School of Literature, Communication and Culture, Spring 2000, \$1.5M.
- "Cultural Variability in Crew Communication," 10/95 to 6/99 NASA grant (with Ute Fischer) \$276,000 (Reviewed in Georgia Tech Research News, May 1999).
- Jim and Mary New Media Center, School of Literature, Communication & Culture, Spring 1997, \$1M.
- Jim and Mary Wesley Chair in Digital Media, School of Literature, Communication & Culture, Spring 1996, \$1.5M.
- Travel grant: "Scientific and Technical Communication," USIA Academic Specialist Program (Russian Academy of Sciences, St. Petersburg) June 4-June 30, 1994
- Member of the project team for five-year Georgia Tech Foundation grant for the foundation of new journal, *Configurations: A Journal for Literature, Science, and Technology*, (published by Johns Hopkins University Press) 1990-95. \$50,904.
- Member of the project team, National Endowment for the Humanities Grant for Program Development of "Introduction to Literature and Science" -- \$43,725 (awarded August 29, 1984) September 1984 - June 1985; Acting Director, June 1985 - June 1986.
- Curator of "Framing the Foundations: An Exhibition of Rare Books in the History of Science and Technology" Price Gilbert Memorial Library, October 11, 1985 - February 28, 1986 (with Crit Stuart). Funded by Georgia Tech Centennial Committee (\$5,000) and Price Gilbert Memorial Library (\$17,000).

Meetings and Symposia (144)

- **[Invited]** Commentary at Conference on “The Mad Mad Mad World of Science,” Polytechnical Institute; Russian Academy of Sciences, St. Petersburg, May 12, 2010.
- **[Invited]** “Talking about Media,” Solbridge International School of Business, Woosong University, Daejeon, South Korea, March 5, 2010.
- **[Invited]** “A Walk to the Emperor’s Library: Models for the Future of Communication Programs,”

Woosong University, Daejeon, South Korea, March 4, 2010.

- **[Invited]** “Linnaeus and the Siberian Expeditions: Translating Political Empire into a Kingdom of Knowledge,” Purdue University Prose Conference, November 4-6, 2009 [Invited]
- Introductory Comments for “Workshop on the Philosophy of Interdisciplinarity,” Price Gilbert Memorial Library, Georgia Tech, September 28, 2009.
- **[Invited]** “Newton and the Transformation of Monetary Policy in the Early 18th Century,” University of Sussex conference on “Milton, Newton and the Question of Political Economy,” University of Sussex, July 16-17, 2009 [Declined as a consequence of emergency budget meeting at Georgia Tech].
- **[Invited]** “The Recalibration of the Literal,” Seminar at the Center of Baltic and Eastern European Studies, Södertörn University, Stockholm (May 14, 2009)
- Introduction to Session on “The Museum Film,” “Symposium on Image and Movement: Film Studies and Art History,” Clark Library, Williamstown, Massachusetts March 14, 2009.
- **[Invited]** “Is the Mind in the Head? Or Are We Really Natural Born Cyborgs?” 2008 Stonecipher Lecture, Tennessee Technological University, November 18, 2008.
- **[Invited]** “Continuous Materiality and the Translation of Codes,” Conference on “Traduction, traductions: Confrontation, négociation, creation,” Université Paris VIII, November 17, 2007.
- **[Invited]** “Newton and the Emergence of Economic Value: From the Laboratory to the Mint,” Conference on “Newton and Pursuit of the Secrets of God and Nature,” June 17-20, 2007; The Van Leer Jerusalem Institute, June 18, 2007.
- “Linnaeus and the Language Laboratory of the Siberian Expeditions: Translating Political Empire into a Kingdom of Knowledge,” ‘Uppsala Symposium on Languages of Science in the Time of Linnaeus,’ June 8, 2007.
- **[Invited]** “Integumenta Electronica: From Medieval to Digital Hermeneutics,” Scuola Superiore dell’Università di Udine, March 2, 2007.
- “The Georgia Tech Model: Defining the Technological Research University of the 21st Century,” VINNOVA: The Swedish Agency for Innovation Systems, December 15, 2006.
- Introductory Comments for “Conference on the Haunting Histories of the Female Body,” Price Gilbert Memorial Library, Georgia Tech, November 17, 2006.
- **[Invited Commentator]** “The Virtual 2006: Designing Digital Experience,” School of Communication, Technology & Design, Södertörn University, September 14-16, 2006 (Declined due to illness in family).
- **[Invited]** “Newton’s Alchemical Work and the Creation of Economic Value,” American Chemical Society National Meeting, San Francisco (Division of the History of Chemistry), September 11, 2006.
- **[Invited]** “Creative Disruption: New Media at Georgia Tech” Presentation for GTRI Ireland at

inauguration of GTRI Research Center in Athone, Ireland, June 21, 2006.

- “Nostalgia and Language: Phenomenology of Feed-Back Loops” for Wienerwege Revisited, or The Birth of the 21st Century Humanities out of the Spirit of Cybernetics; Södertörn University, Stockholm, May 31, 2006.
- “Sharing Opportunities: Building Joint Opportunities” Udine Workshop; University of Udine, Italy, March 8-9, 2006.
- **[Invited Respondent]** “Symposium on Architecture and Memory,” School of Architecture, Georgia Tech, February 26, 2005.
- **[Invited]** “Digital artifacts and/as Cyborg” Symposium on Exploring Digital Artifacts, 2005 ICT and the Humanities Summer School, Södertörn University, Haninge, Sweden, June 7, 2005.
- **[Invited]** “The Legacy of Newton in Russia and the United States,” Conference on Russian-American Links: Similar Issues—Different Visions, Russian Academy of Sciences, St. Petersburg, September 23, 2005.
- **[Invited]** “Kronstadt and Karlskrona as Case Histories in Baltic Networks,” Vuoksi Summer School, Lappeenranta University of Technology, August 1, 2005.
- **[Invited]** “The Recalibration of the Literal: Raphael Regio and Ovid’s *Metamorphoses*,” Folger Library, Washington D.C., November 14, 2004.
- **[Invited]** Closing Remarks on “The Virtual – A Room without Borders?” Symposium at Rosenön, Sweden, September 16, 2005.
- “Diagram, Materiality, and Cognition,” invited presentation for “Between Semiotics and Geometry: Metaphor, Science and the Interdisciplinary: Trading Zone” Special Panel devoted to the impact of Peter Galison’s work on the anthropology of science. Annual MLA Convention (Philadelphia), December 28, 2004. [Unable to participate due to inclement weather]
- “Diagrams, Materiality, and Cognition,” School of Architecture, Royal Institute of Technology, Stockholm, October 27, 2004.
- “The Remembrance of Gilles Châtelet and *Les Enjeux du mobile*,” 3rd International Conference on Literature and Science, University of Paris 8, June 27, 2004.
- “Cognition and Technology,” 3rd International Conference on Literature and Science, University of Paris 8, June 26, 2004.
- “Autopoesis and Emergence in Architecture” [with Eduardo Lyon], 3rd International Conference on Literature and Science, University of Paris 8, June 26, 2004.
- “Technologies of Culture,” BTH, February 11, 2004.
- “Rethinking Beowulf”, BTH, February 10, 2004.
- “Cartography and the Visualization of the North,” BTH, Program in Media Technology,

November 13, 2003

- “Spatial Construction of Meaning,” Hanninge Tekniska Högskola, Stockholm, November 11, 2003.
- **[Invited]** “Building Space and Myth at the Edge of Empire: Space Syntax Analysis of St Petersburg: 1703-1913,” “The Language Theory/Cultural Analysis Program,” Center for Baltic and East European Studies, Södertörn University, Stockholm, November, 10, 2003.
- “Building a New Model: Humanities in the World of Engineering,” University of Capetown, South Africa (joint presentation with Professors Willie Pearson, and Cora Merritt), October 24, 2003.
- “Visualization and the Early Modern Book,” Colloquium on “Imagining Nature: Technologies of the Literal and the Scientific Revolution,” Folger Shakespeare Library, Washington D.C. October 17, 2003.
- “Building Space and Myth at the Edge of Empire: Space Syntax Analysis of St Petersburg: 1703-1913,” School of Architecture, Teknikon, Athens, Greece, June 11, 2003.
- “Mikhail Bakhtin’s American Legacy: Metamorphoses and the Practice of Cultural Theory,” Graduate Workshop, School of Architecture, Teknikon, Athens, Greece, June 9, 2003.
- “Visualization and the Transformation of Narrative Space: Approaching Cyber Culture Humans as Actors in the Development of Technology,” Humanities Summer School 2003, BTH, Karlskrona, Sweden, (June 4, 2003).
- “The Edge of Empire: Lomonosov and the Historiography of the North,” History Department, Petrozavodsk State University, April 3, 2003 (USIA Scholar).
- “Metamorphosis and the Practice of Cultural Theory: Mikhail Bakhtin’s American Legacy,” German Philology Faculty, Petrozavodsk State University, April 2, 2003 (USIA Scholar).
- “The Edge of Empire: Lomonosov and the Historiography of the North,” Pomor University, Archangel, Russia, March 30, 2003 (USIA Scholar).
- **[Invited Keynote]** “Mikhail Bakhtin’s American Legacy: Metamorphoses and the Practice of Cultural Theory,” “Russian-American Links: 300 Years of Cooperation,” Russian Academy of Sciences, St. Petersburg, March 26, 2003.
- “Cartography and Formation of a Northern Identity,” Russian National Library, St. Petersburg, March 25, 2003 (USIA Scholar).
- **[Invited]** “Beyond the World of Paper: Cognition and Visualization in Digital Space,” BTH, Karlskrona, Sweden, October 23, 2002.
- **[Invited]** “Thoughts on Building a New Model, or What Does it Mean to Call Engineering a Liberal Art?” BTH, Rönneby, Sweden (with Richard Barke, Eliesh O’Neal) October 25, 2002.
- **[Invited]** “Diagrams and the Anthropology of Architectural Design,” Workshop in Theorisation et Experimentation Epistémologie-Architecture-Linguistique Université de Paris

VIII, May 17, 2002.

- “Cy Twombly and the Diagrammatic Field,” Annual Conference of the Society for Literature and Science, California Institute of Technology, November 4, 2002.
- “Diagrammatic Writing and the Practice of Shape–Logics,” Annual Conference of the Society for Literature and Science, California Institute of Technology, November 5, 2002.
- “Diagrams and the Anthropology of Architectural Design,” “Experimenting Art and Sciences,” The Second European Conference of the Society for Literature and Science, Århus, Denmark, May 9, 2002.
- "Shaping the Future of American University Education, or What Does it Mean to Call Engineering a Liberal Art?" (with Richard Barke and Eliesh O'Neil Lane), 4th POSTI International Conference, "Europe's 21st Century Policies for Sustainable Technological Innovation: The Role of Higher Education in Science, Technology and Society;" Oslo, Norway, May 19, 2001.
- "Modeling and Translation Across Symbolic Codes" Conference on Model-Based Reasoning, University of Pavia, Pavia, Italy, May 18, 2001.
- "Diagrams and Space in Architecture," Space Syntax 3rd International Symposium, Georgia Institute of Technology, May 10, 2001.
- "Building Research Communities," Nunn Forum on Russian Scientific Talents: Economic Opportunities and Challenges, Georgia Institute of Technology, March 27, 2001.
- **[Invited]** "Russian Discourse Communities in the Information Age," Center for Non-Proliferation, Monterey Institute, December 20, 2000.
- **[Invited]** “Rudbeck and Lomonosov,” Conference on Mutual Representations in Scandinavia and Russia During the Early Age of Reason, Skebo Herrgård, Södertörn University College, Stockholm, November 16-18, 2000.
- “Recalibrating the Literal: Metaphor, Diagram and the Cognitive Field,” Conference of the Society for Literature and Science, Atlanta, Georgia, October 6, 2000.
- Introduction for Plenary Speakers (Richard Grusin, Kate Hayles, Janet Murray), Conference of the Society for Literature and Science, Atlanta, Georgia, October 4, 2000.
- “Recalibrating the Literal: Metaphor, Diagrams, and the Cognitive Field,” First International Conference of the Society for Literature and Science, Brussels, Belgium, April 12-15, 2000.
- "Narrative and Visualization in the New Media of the Seventeenth Century," Conference on Narrative, Atlanta, Georgia, April 6-9, 2000.
- “On the Edge of Empire: The Baltic and the Shape of Northern Science,” History of Science Colloquium, Department of History of Science and History of Science Collections, University of Oklahoma, February 11, 2000.
- **[Invited]** “Global Classroom Project,” European University, St. Petersburg, October 28, 1999.

- Introduction for Professor Timothy Lenoir, Plenary Address, Conference for Society for Literature and Science, Norman, Oklahoma, November 1999.
- **[Invited comment]** "Polar Sea of Discord and Collaboration: Science and Politics in Oceanography and Arctic Exploration," (Session on "Social and Cultural History) St. Petersburg, Russia, January 27-30, 1999.
- **[Invited moderator]** "Model-Based Reasoning in Scientific Discovery," University of Pavia, Italy, December 17-19, 1998.
- **[Invited]** "The Cultural Meaning of Images in the Scientific Revolution," Conference on Imaging and Visualization in the Cultures of Science and Medicine; Tanner Humanities Center, University of Utah, March 6-7, 1998.
- **[Invited]** "From Rocket Science to Market Science: Russian Discourse Communities in the Information Age," Conference on Communication, Culture, and Language in the Open World of Science, Russian Academy of Sciences, St. Petersburg, Russia, June 11, 1997.
- **[Invited]** "English, Democracy, and the Corporate University in the Information Age," Department of English, SUNY Buffalo, April 23, 1997.
- **[Invited]** "English, Democracy, and the Corporate University in the Information Age," Department of English, UCLA, March 12, 1997.
- **[Invited]** "The History and Practice of Science" Russian Academy of Sciences, Petrozavodsk, Russia, June 24, 1996.
- **[Invited participant]** "Culture, Literature, and Language for Students of English," Russian Academy of Sciences, St. Petersburg, Russia, April 26, 1996.
- **[Invited]** "A Nostalgia for Empire: Contemporary Sweden and the Use of the Past," Scandinavian-American Foundation of Georgia and Emory, University Emory University, March 7, 1996.
- **[Invited discussant]** "Colloquy with the Author: Robert Markley's *Fallen Languages: Crises of Representation in Newtonian England, 1660-1740*," Southeastern American Society for Eighteenth-Century Studies, March 2, 1996.
- **[Invited]** "Newton in the School of Time," History of Science Colloquium, University of Oklahoma, February 16, 1996.
- **[Invited]** "Interpretive Strategies in *Theologiae gentilis origines philosophiae*," Workshop on "Newton and Religion, UCLA Center for 17th- & 18th-Century Studies and the William Andrews Clark Memorial Library, February, 9-10, 1996.
- "Diagrammatics and the Interrogation of Mathematical Space," Society for Literature and Science, UCLA, November 4, 1995.
- **[Invited]** "The Kabbala and English Science in the Seventeenth-Century," International Symposium on the Kabbala, Tel Aviv and Jerusalem, May 15-18, 1995.

- Commentator and Observer, "Symposium on Science & Technology with A Human Face," Harvard University, MIT, and the Russian Academy of Sciences, St. Petersburg, at the Russian Academy of Sciences, St. Petersburg, June 17, 1994.
- Moderator, "Who Qualifies to Critique Science?" sponsored by Division on Literature and Science, 1994 Modern Language Association, San Diego, December 29, 1994.
- "Allegorical Space in Eighteenth-Century Scientific Discourse," 1994 Conference for the Society for Literature and Science, New Orleans, November 11, 1994.
- **[Invited Plenary Address]** "Technology and the Status of the Human Sciences," Interface '94: Nineteenth Annual Humanities and Technology Conference, Southern College of Technology, Marietta, Georgia, October 28, 1994.
- **[Invited]** "Boiardo's Ovidian Space," American Boiardo Quincentennial Conference, Columbia University, October 8, 1994.
- **[Invited moderator]** "The Impact of the Radical and the Self-Righteous, or What Has Happened to True Intellectual Inquiry?" University Center of Georgia Symposium, Carter Center, Atlanta, Georgia, April 23, 1994.
- "Technology and the Philosophy of Language," 1993 Conference of the South Atlantic Modern Language Association, Atlanta, Georgia, November 4-6, 1993.
- **[Invited]** "Reshaping the Earth: Olov Rudbeck and the Transformation of Sweden," Symposium on Cultural Exchange Between European nations during the Renaissance, Forum for Renaissance Studies, University of Uppsala, Sweden, June 5-7, 1993.
- "The Regenerative Alchemy of Isaac Newton: Sendegovian Generation and Cometary Theory," Southeastern American Society for Eighteenth-Century Studies, Birmingham, Alabama, March 4, 1993.
- **[Invited]** "Word and Image in Multimedia" (with David Jay Bolter), "Dagstuhl Conference on Multimedia System Architectures and Applications," Schloss Dagstuhl and University of Darmstadt, November 2-4, 1992.
- **[Invited]** "The Transformations of Modern Swedish Literature," American-Scandinavian Foundation of Georgia, Atlanta, Georgia, October 25, 1992.
- Program Chair, 1992 Annual Conference for the Society for Literature and Science, Atlanta, Georgia, October 1992.
- "Alchemy and Discourse Structures: Nicholas Hill and the Physics of Matter," Annual Conference for the Society for Literature and Science, Atlanta, Georgia, October 10, 1992.
- "Swedish Cannons and the Rhetoric of Technological Dissemination in Seventeenth-Century Europe" 1991 SHOT in Sweden (Society for the History of Technology), August 16-21, 1992.
- Georgia Tech Representative, "The Seventh AAHE Conference on Assessment in Higher Education,"

Miami Beach, Florida, June 21-24, 1992.

- **[Invited]** "A Description of Language Studies in the United States, Department of Foreign Languages, The Russian Academy of Sciences, Moscow, April 24, 1992.
- **[Invited]** "Bahktin's Legacy in the United States," Department of English, St. Petersburg State University, Petersburg, St. Petersburg, Russia, April 20, 1992.
- **[Invited Organizer]** Session on Literary Theory, South Atlantic Modern Language Association Meeting, November 15, 1991.
- **[Invited]** "Cartographic Books in the Price Gilbert Memorial Library Collection," Library Committee, Price Gilbert Memorial Library, Georgia Tech, Atlanta, November 7, 1991.
- **[Invited]** "Deciphering the Barbarians: Ovid's *Metamorphoses* and the Assimilation of the New World," Conference on Science, Discovery and Colonial World, Universidad Autonoma, Madrid, June 27, 1991.
- **[Invited]** "Newton in the School of Time: The Chronology of Ancient Kingdoms Amended and the Crisis of Seventeenth-Century Historiography," Department of English, University of Uppsala, Uppsala, Sweden, April 12, 1991.
- **[Invited]** "Jules Verne och teknikens sociala konstruktion" ["Jules Verne: Technology and Social Constructionism"], Chalmers Institute of Technology, Gothenburg, Sweden, April 10, 1991. [Listed in Swedish morning paper *Svenska dagbladet*, April 10, 1991, part I: 11].
- **[Invited]** "English Studies in the United States," Department of Foreign Languages, Russian Academy of Sciences, Leningrad, Russia, April 19, 1991.
- "Emplotting the Indians: Ovid in the New World," Annual Conference of the American Studies Association, November 1-4, 1990, New Orleans, Louisiana.
- "Failures in Communication: The Description of Renaissance Machinery," Annual Conference for the Society of the History of Technology, Case-Western University, October 21, 1990.
- "Canonical Misrepresentations: The Problem of Origins in Milton and Newton." Annual Conference of the Society for Literature and Science, Portland, Oregon, October 3-7, 1990.
- "Newton's *The Philosophical Origins of Gentile Theology* and the Anthropology of Eighteenth-Century Science," American Society for Eighteenth-Century Studies, Minneapolis, Minnesota, April 26, 1990.
- **[Invited]** "Mathematics and Narrative," Governor's Honors Program, July 12, 1990, Valdosta State University, Valdosta, Georgia.
- Program Chair for 1989 National Conference for Society for Literature and Science, University of Michigan, Ann Arbor; session chair, "Seventeenth and Eighteenth-Century Studies; panelist for "Workshop on Curriculum Development in Literature and Science; respondent for session on "Michel Serres," 21-24 September.

- Organizer (with Richard Grusin and A. D. Van Nostrand) of "How Science Works: Ways of Opening the Black Box," (Seminar directed by Bruno Latour, École Nationale Supérieure des Mines de Paris), Georgia Tech, April 24, 1989.
- Organizer (with Professor Patricia Pinkas, Agnes Scott) of Southeastern Milton Seminar in honor of Professor Irene Samuel, Agnes Scott College, April, 7-8 1989.
- **[Invited]** "Newton in the School of Time," Department of History (William H. Schneider), University of North Carolina, Wilmington, October 24, 1988.
- **[Invited]** "There's a Dragon on the Wall: Conjectures on Renaissance Math Books," Department of Mathematics, University of North Carolina, Wilmington, October 24, 1988.
- "Narrative Problems in Renaissance Mathematics," Annual Conference of the Society for Literature and Science, RPI, Troy, New York, October 6-9, 1988.
- "The Double Helix at Georgia Tech," Freshman-Faculty Dialogue, Georgia Institute of Technology, August 18, 1988.
- "Ovid's Trojan Horse: The Metamorphoses and the Subversion of Renaissance Civitas," Annual Conference of the Renaissance Society of America--The City in the Renaissance, Columbia University, March 17-19, 1988.
- "Deciphering the Barbarians: Ovid's *Metamorphoses* and the Assimilation of the New World," Citadel Conference on Medieval and Renaissance Literature, March 10-12, 1988.
- "The Hermeneutics of the Marvelous: Ovid's Exile Poems in the New World," Invited lecture, Graduate Institute of Liberal Arts, Emory University, February 23, 1988.
- "Georgia Tech's Program in Literature and Science," National Conference on Technological Literacy, Washington D.C., February 5-6, 1988 (delivered in my absence by A. D. Van Nostrand).
- "The Experience of Barbarism: Language at the Frontiers," Permanent Session on Ancient Imperium and Projects of Modern Empire, 1987 MLA Convention, San Francisco, December 28, 1987.
- "Gazing on Technology: Renaissance Machine Manuals and the Metaphor of the Theatre," Conference on Technology and the Humanities, Southern College of Technology, Marietta, Georgia, October 22, 1987.
- "The Mythological Transformations of Renaissance Science," Symposium on Literature and Science as Modes of Expression, WPI, Worcester, New York, October 9, 1987.
- **[Invited]** "Narrative Problems in Renaissance Mathematics," Department of History of Science and Technology, UC Berkeley, May 1, 1987.
- **[Invited]** "Narrative Matter of Renaissance Mathematics," University of Iowa, Program in Literature, Science, and the Arts (Alan Nagel), March 19, 1987.
- "Quantifying the Gods and Goddesses: Mythography in the Time of Newton," Southeastern

American Society for Eighteenth-Century Studies, Atlanta, Georgia, March 6, 1987.

- **[Invited]** "How Scientists Think," for Department of Entomology, Cornell University (Henry Hagadorn), November 18, 1986.
- **[Invited]** "Story Problems and the Narrative Matter of Mathematics," 1986-87 Cornell University Colloquia Series sponsored by Program in the History and Philosophy of Science and Technology, November 5, 1986.
- **[Invited]** "The Georgia Tech Model for Studies in Literature and Science," Seminar for Program in Technology and Social Change, University of Linköping, Sweden, April 29, 1986.
- **[Invited]** "On the Frontier of the Two Cultures," Center for History of Technology, Chalmers Technical Institute, Gothenburg, Sweden, April 24, 1986.
- [Invited seminar] "Teaching the Humanities at a Technical Institute," Department of History of Science and Technology, Royal Institute of Technology, Stockholm, Sweden, April 23, 1986.
- Panelist for Georgia Tech Conference "The Future of Technological Education," Georgia Tech, Atlanta, Georgia, April 17, 1986.
- [Invited lecture] "Celestial Inscriptions and the Flight of Cranes," Lectura Dantis, Newberry Library, Chicago, Illinois, April 12, 1986.
- "From Poetry to History: Ovid and Seventeenth-Century Historiography," Southeastern Renaissance Society Meeting, North Carolina State University, Raleigh, N.C., April 11, 1986.
- Moderator for Symposium on "Representation and Value" sponsored by Literature and Science Program, Georgia Institute of Technology and NEH, Atlanta, Georgia, February 21, 1986.
- "Mathematics in a Logocentric World," MLA Conference, Chicago, Illinois, December 29, 1985.
- [Invited lecture] "The Real and Ideal City of the Renaissance," School of Architecture, Georgia Tech, Dr. Roger F. Rupnow, Atlanta, Georgia. October 15, 1985.
- Public lecture on "Framing the Foundations: An Exhibition of Rare Books in the History of Science and Technology," Price Gilbert Memorial Library, Atlanta, Georgia, May 22, 1985.
- "Interpretation as Affirmation or Disruption," Special Sections of English 1002, Georgia Tech, Atlanta, Georgia, February 13, 1985.
- "Through the Magnifying Glass: Mars and Venus and the Hermeneutics of a Simple Form," MLA Conference, Washington, D. C. December 27-30, 1984.
- Respondent for special session on "The Epistemology of Metaphor and Narrative," MLA Conference, Washington, D.C. December 27-30, 1984.
- **[Invited]** "Ovid and Milton," Emory University, Department of English, Dr. Georgia B. Christopher, Atlanta, Georgia. February 27, 1984.
- "Fable of Scientific Progress: Optical Images in Two Medieval Texts," SAML A Conference,

Atlanta, Georgia, October 28-30, 1983.

- Respondent to papers by Michael Murrin and John Shawcross at Newberry Library Renaissance Center Conference on John Milton, Chicago, Illinois. April 22-23, 1983.
- "Accessus and Glosses in a Fifteenth-Century Manuscript of Ovid's *Remedia amoris*," Manuscripta Conference, St. Louis University, St. Louis, Missouri, October 15, 1981.

Honors, Awards, and Professional Recognition

- **[Invited]** Visiting Professor, Department of English Language, University of Paris VIII (Spring Term 2011).
- Senior Research Fellow, Center for Baltic and Eastern European Studies, Södertörn University, Stockholm (Fall Term 2010).
- Presidential Nominating Committee for \$100,000 Ivan Allen Jr. Prize for Social Courage, Georgia Tech (May 2010-present)
- **[Invited]** Visiting Professor, Department of Medieteknik, Södertörns University, Fall 2008 (declined)
- **[Invited]** Senior Research Fellow, Blekinge tekniska högskola (April-May 2006)
- Distinguished Leadership Award, School of Literature, Communication, and Culture (2005)
- **[Invited member]** 2003-2004 Folger Library Colloquium "Imagining Nature: Technologies of the Literal and the Scientific Revolution," Folger Library, Washington, D.C. (October 2003–April 2004)
- **[Invited]** U.S. State Department Speaker on U. S. Society and Culture to Russia (St. Petersburg, Petrazavodskt, Archangel) March-April 2003.
- **[Invited]** Distinguished Visiting Professor, Institute for Advanced Studies, University of Pavia, Italy June 2002 (Declined)
- **[Invited]** McEver Professor of Engineering and the Liberal Arts (February 2002- present)
- ODK National Merit Society, April 1998
- "Founding Editor Award," Society for Literature and Science for work as founding co-editor of *Configurations: A Journal of Literature, Science, Technology and the Arts* (Johns Hopkins University Press), October 1997.
- U.S. State Department Fellowship for Program Development at Department of Foreign Languages, Russian Academy of Sciences, St. Petersburg, 1994.
- Senior Fellow, Sidney Edelstein Center for the History and Philosophy of Science, Hebrew University of Jerusalem, May-July, 1989.
- Fellow, Society for the Humanities, Cornell University, 1986-87.
- Exxon Fellowship, Newberry Library, 1986.

- Whiting Foundation Dissertation Fellow, 1981-82.
- University of Chicago Humanities Fellow, 1974-77.
- Université de Poitiers, Certificat d'Etudes Françaises, 1973.

Personal: K.J. Knoespel (b. 1/29/47); Married to Amy Arnett Knoespel (married 8/31/68); 2 daughters: Linnea Alice Knoespel (b. 9/30/81); Martha Arnett Knoespel (b. 10/6/85).