

Eaton Award for the Best Book in Science Fiction Theory and Criticism
for 1998-99, awarded to *How We Became Posthuman*
Council of the Humanities Fellowship, Princeton University, 2000
Eby Award for Distinction in Undergraduate Teaching, UCLA, 1999
Luckman Distinguished Teaching Award, UCLA, 1999
National Endowment for the Humanities Fellowship, 1999
Bellagio Residential Fellowship, Rockefeller Foundation, 1999
Distinguished Scholar Award, University of Rochester, 1998
Medal of Honor, University of Helsinki, 1997
Distinguished Scholar Award, International Association of Fantastic in the Arts, 1997
National Endowment for the Humanities Summer Seminar Director, 1995, 1998, 2001
Presidential Research Fellowship, UCLA, 1995-96
Mellon Distinguished Visiting Professor, Tulane University, 1994
Marta Sutton Weeks Fellow, Stanford Humanities Center, 1991-92
Guggenheim Fellowship, 1991-92
Millington F. Carpenter Professor of English, University of
Iowa, 1989-92
Faculty Scholar Award, University of Iowa, 1986-89
Fellowship to the Society for the Humanities, Cornell University, 1986-87 (declined)
Old Gold Fellowship, University of Iowa, Summer 1986
Wilson Center Fellow, Woodrow Wilson International Center for
Scholars, May-August, 1985
Weldon Spring Research Grant, UMR, Summer 1983
National Endowment for the Humanities Fellow, 1979-80
Dartmouth Faculty Fellow, Fall 1979
New York State Science Teaching Fellow, Caltech, 1966-68
Graduated with Highest Honors, RIT, 1966

Education

Ph.D. in English Literature, University of Rochester, February 1977
M.A. in English Literature, Michigan State University, June 1970
M.S. in Chemistry, California Institute of Technology, June 1969
B.S. in Chemistry, Rochester Institute of Technology, May 1966

PUBLICATIONS

Books, CD, Website, Computer Game

A New Paradigm for the Humanities: Comparative Textual Media (co-authored with Jessica Pressman), forthcoming University of Minnesota Press, 2013..

Alterenate Reality Game “*Speculation*” (co-authored with Patrick Jagoda and Patrick LeMieux), www.speculation.net.

How We Think: A Digital Companion, www.howwethink.info.

How We Think: Digital Media and Contemporary Technogenesis, University of Chicago Press, 2012.

Electronic Literature: New Horizons for the Literary. Notre Dame: University of Notre Dame Press, 2008. Accompanying website at <http://newhorizons.eliterature.org>. Winner of the Crystal Book Award of Excellence, Scholarly Reference, Chicago Book Clinic and Media Show 2008..

N. Katherine Hayles, Nick Montfort, Scott Rettberg, and Stephanie Strickland, editors, *Electronic Literature Collection*, Vol. 1, CD-ROM, Electronic Literature Organization, 2006. Also available at <<http://collection.eliterature.org>>.

My Mother Was a Computer: Digital Subjects and Literary Texts. Chicago: University of Chicago Press, 2005. Cover selected for *Print Magazine's 2006 Design Annual* from over 20,000 entries.

Nanoculture: Implications of the New Technoscience. Bristol: Intellect Books, 2004. Essay collection edited by Hayles, with introduction.

Cybernetic Readings. A special issue of Comparative Literature Studies 41.3 (2004), guest-edited by Hayles, with introduction.

Writing Machines.. Cambridge: MIT Press, 2002. Susanne E. Langer Award for Outstanding Scholarship in the Ecology of Symbolic Form. Official Selection, California Design Biennial, Pasadena Museum of California Art 2003. Bronze Medal (to Anne Burdick), *Interactive Media Design Review* for *Writing Machines* and Web Supplement, <http://mitpress.mit.edu/mediawork>.

How We Became Posthuman: Virtual Bodies in Cybernetics, Literature and Informatics. Chicago: University of Chicago Press, 1999. René Wellek Prize for Best Book in Literary Theory for 1998-1999. Eaton Award for the Best Book in Science Fiction Theory and Criticism for 1998-99. Named as one of the best 25 books of 1999 by *Village Voice*. Translated into Russian, Macedonian, and Bulgarian.

Technocriticism and Hypernarrative. A special issue of *Modern Fiction Studies* 43, no. 3 (Fall 1997) guest-edited by Hayles, with introduction and article.

Chaos and Order: Complex Dynamics in Literature and Science. Chicago: University of Chicago Press, 1991. An essay collection edited by Hayles.

Chaos Bound: Orderly Disorder in Contemporary Literature and Science. Ithaca: Cornell University Press, 1990. Translated into Spanish as *La Evolucion del Caos: El Orden dentro del desorden en las ciencias contemporaneas* (Barcelona: Gedisa, 1993).

The Cosmic Web: Scientific Field Models and Literary Strategies in the Twentieth Century. Ithaca: Cornell University Press, 1984.

Book Chapters

- N. Katherine Hayles and Nick Montfort, "Interactive Fiction," *The Routledge Companion to Experimental Literature*, eds. Joe Bray, Allison Gibson and Brian McHale. New York: Routledge, 2012, pp. 452-466.
- N. Katherine Hayles and Todd Gannon, "Virtual Architecture, Actual Media," *The Sage Handbook of Architectural Theory*, edited G. Greig Crysler, Stephan Cairns and Hilde Heynen. Thousand Oaks CA: Sage Publishers, 2012: 484-500. .
- "Navigating the Cognisphere: Meditations on Visualization, Memory, Database and Memory", *Euphoria Dystopia*, edited Sarah Cook and Sarah Diamond, Banff Centre Press, 2011, pp. 72-83.
- "Annotations," *The Exegesis of Philip K. Dick*, edited by Pamela Jackson and Jonathan Lethem; annotations editor, Erik David. New Your: Houghton Millin Harcourt, 2011, *passim*.
- N. Katherine Hayles with Stephen B. Crofts Wiley, "Media, Materiality and the Human: A Conversation with N. Katherine Hayles." *Communication Matters: Materialist Approaches to Media, Mobility and Networks*, edited by Jeremy Packer and Stephen B. Crofts Wiley. London and New York: Routledge, 2012. Pp. 17-34.
- "Complex Temporalities in Living and Technical Beings," ("Komplexe Zeitstrukturen lebender und technischer Wesen"), *The Technical Condition (Die Technologische Bedingung: Beiträge zur Beschreibung der technischen Welt)* edited by Erich Hörl. Berlin: Suhrkamp Verlag Berlin, 2011. Pp. 193-228.
- "What Does It Mean to be Posthuman," in *The New Media and Cybercultures Anthology*, ed. Pramod K. Nayar (Chicester, West Sussex, UK: 2010), pp. 19-28. Reprint.
- "Cybernetics," *Critical Terms for Media Studies*, edited W. J. T. Mitchell and Mark B. N. Hansen (Chicago: University of Chicago Press, 2010), pp. 145-156.
- "Mapping Time, Charting Data: The Spatial Aesthetic of Mark Z. Danielewski's *Only Revolutions*," in *Essays on Mark Z. Danielewski*, ed. Alison Gibbons and Joe Bray Manchester: Manchester University Press, 2011: 159-177.
- "RFID: Human Agency and Meaning in Information-Intensive Environments," *Beyond the Screen: Transformations of Literary Structures, Interfaces and Genres*, ed. Jörgen Schaefer and Peter Gendolla . Bielefeld, Germany: Transcript Verlag 2010: 95-122. Reprint.
- "RFID: Human Agency and Meaning in Information-Intensive Environments," *Throughout*, ed. Ulrik Ekman. Cambridge: MIT Press, forthcoming. Reprint.
- "Strickland and Lawson Jaramillo's *Slippingglimpse: Distributed Cognition at/in Work*," *Literary Art and Digital Performance*, ed. Francisco Ricardo. London: Continuum, 2009: 38-47.
- Todd Gannon and N. Katherine Hayles, "Mood Swings: The Aesthetics of Ambient Emergence," *The Mourning After: Attending the Wake of Postmodernism*, edited by Neil Brooks and Josh Toth. Amsterdam: Rodopi Press, 2007: 99-142.

- “(Un)masking the Agent: Stanislaw Lem’s ‘The Mask,’” *The Art and Science of Stanislaw Lem*, edited by Peter Swirski. Montreal and Kingston: McGill-Queen’s University Press, 2007: 22-46.
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- “Metaphoric Networks in *Lexia to Perplexia*,” *First Person: New Media as Story, Performance, and Game*, edited by Noah Wardrip-Fruin and Pat Harrigan. Cambridge: MIT Press, 2004: 291-295.
- “Bodies of Texts, Bodies of Subjects: Metaphoric Networks in New Media,” *Memory Bytes: History, Technology, and Digital Culture*, edited by Lauren Rabinovitz and Abraham Geil. Duke University Press 2004: 257-282.
- “Performative Code and Figurative Language: Neal Stephenson’s *Cryptonomicon*,” *Science, Technology, and the Humanities in Recent American Fiction*, edited by Peter Freese and Charles B. Harris. Essen, Germany: Verlag, 2004: 279-316. Reprinted in *The Holodeck in the Garden: Science and Technology in Contemporary American Fiction*, edited by Peter Freese and Charles B. Harris. New York: Dalkey Archive Press, 2004: 2-27.
- “From Utopia to Mtopia: Recursive Complexity and the Nanospaciality of *The Diamond Age*,” *World Weavers: Globalization, Science Fiction, and the Cybernetic Revolution*, edited by Wong Kin Yuen, Gary Westfahl and Amy Chant Kit Sze. Hong Kong: Hong Kong University Press, 2004,
- “Timely Art: Hybridity in New Cinema and Electronic Poetry,” *Future Cinema: The Cinematic Imaginary After Film*, edited by Jeffrey Shaw and Peter Weibel. Cambridge: MIT Press, 2003: 16-321.
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- “Computing the Human” (in German), “*Fuelle der Combination*”: *Literaturforschung und Wissenschaftsgeschichte*, edited by Bernhard J. Dotzler and Sigrid Weigel. Munich: Fink, 2004. Reprinted in *2003: Cyber, Virtual, and Bio Literature*, The New Korean Association of English Language and Literature. Pusan, South Korea: 2003: 1-25.
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- "Flesh and Metal: Reconfiguring the Mindbody in Virtual Environments," in *Semiotic Flesh Information and the Human Body*, edited by Phillip Thurtle and Robert Mitchell. Walter Chapin Simpson Center for the Humanities, University of Washington, 2002: 52-68. Published in *Configurations* 10 (2002): 297-320. Published in German in *Singularitäten—Allianzen, Interventions* 11, edited by Jörg Huber. Springer, Vienna and New York, 2002: 289-304.
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- "Artificial Life and Literary Culture," in *Cyberspace Textuality: Computer Culture and Literary Theory*, edited by Marie-Laure Ryan. Indiana University Press, 1999: 205-223
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- "Simulated Nature and Natural Simulations: Rethinking the Relation between The Beholder and the World," in *Uncommon Ground: Toward the Reinvention of Nature*, edited by William Cronon. New York: Norton,

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- "Searching for Common Ground," in *Reinventing Nature?: Responses to Postmodern Deconstruction*, edited by Michael E. Soule and Gary Lease. Washington, D.C.: Island Press, 1995: 45-60.
- "Deciphering the Rules of Unruly Disciplines: A Modest Proposal for Literature and Science," in *Literature and Science*, edited by Anthony Purdy. Amsterdam and Atlanta: Rodopi, 1994: 25-48.
- "Narratives of Evolution and the Evolution of Narratives," in *Cooperation and Conflict in General Evolutionary Processes*, ed. John L. Casti and Anders Karlqvist. New York: John Wiley and Sons, 1994: 113-132.
- "The Paradoxes of John Cage: Chaos, Time, and Irreversible Art" in *Permission Granted: Composed in America*, ed. Marjorie Perloff and Charles Junkerman. Chicago: University of Chicago Press, 1994: 226-241.
- "The Seductions of Cyberspace," in *Rethinking Technologies*, ed. Verena Conley. Minneapolis: University of Minnesota Press, 1993: 173-190. Reprinted in *Everyday Theory*, edited by Becky McLaughlin and Bob Coleman. London: Longman, 2004.
- "The Life Cycle of Cyborgs: Writing the Posthuman," in *A Question of Identity: Women, Science, and Literature*, ed. Marina Benjamin. New Brunswick: Rutgers University Press, 1993: 152-172. Reprinted in *The Cyborg Handbook*, ed. Chris Hables Gray. New York and London: Routledge, 1995: 321-335. Reprinted in *Cybersexualities: A Reader on Feminist Theory, Cyborgs and Cyberspace*, edited by Jenny Wolmark. Edinburgh: Edinburgh University Press, 1999: 157-173.
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Finding the Passages," in *Literature and Science: Theory and Practice*, ed. Stuart Peterfreund. Boston: Northeastern University Press, 1990: 209-38.

"Information or Noise? Economy of Explanation in Barthes's *S/Z* and Shannon's Information Theory," in *One Culture: Essays in Science and Literature*, ed. George Levine. Madison: University of Wisconsin Press, 1988: 119-142.

"Metaphysics and Metafiction in *The Man in the High Castle*, in *Philip K. Dick, Writers of the 21st Century Series*. New York: Taplinger, 1983: 53-72.

"Androgyny, Ambivalence and Assimilation in *The Left Hand of Darkness*", in *Ursula K. Le Guin, Writers of the 21st Century Series*. New York: Taplinger, 1979: 97-115.

Articles

"Speculative Aesthetics and Object Oriented Inquiry (OOI)," *Speculations: A Journal of Speculative Realism*, http://www.speculations-journal.org/?page_id=5.

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"How We Read: Close, Hyper, Machine," *ADE Bulletin* 150 (2011) <<http://www.ade.org/bulletin/>>.

"Material Entanglements: Steven Hall's *The Raw Shark Texts* as Slipstream Novel," *Science-Fiction Studies* #113 (38.1, March 2011):115-133.

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"After Shocks: Posthuman Ambivalence," *Postmedieval: A Journal of Medieval Cultural Studies* (April 2010): 262-271.

N. Katherine Hayles and James J. Pulizzi, "Narrating Consciousness," *History of the Human Sciences* 21.3 (2010): 131-148.

"Sleepwalking into the Surveillance Society," *Surveillance and Society* 6.3 (2—9): <http://www.surveillance-and-society.org/ojs/index.php/journal>

RFID: Human Agency and Meaning in Information-Intensive Environments," *Theory, Culture and Society*, 26.2/3 (2009): 1-24. Reprinted in *Throughout*, edited by Ulrik Eckman (forthcoming MIT Press, 2011). Reprinted in *Beyond the Screen: Transformations of Literary Structures, Interfaces and Genres*. Edited by Jürgen Schafer and Peter Gendolla (Bielefeld, Germany: Transcript Publishers, 2010).

"Wrestling with Transhumanism," *The Global Spiral* (June 5, 2008)

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- “Hyper and Deep Attention: The Generational Divide in Cognitive Modes,”
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- “Narrative and Database: Natural Symbionts,” *PMLA* 122.5 (October 2007): 1603-1608.
- “Intermediation: The Pursuit of a Vision,” *New Literary History* 38.1 (Winter 2007): 99-125..
- “The Future of Literature,” *Collection Management* (forthcoming fall 2007).
- “Revealing and Transforming: How Electronic Literature Re-Values Computational Practice,”
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- “Traumas of Code,” *Critical Inquiry* 33.1 (Autumn 2006): 136-157. Reprinted, *Digital and Other Virtualities: Renegotiating the Image*, ed. Anthony Bryant and Griselda Pollock. London; I. B. Truris, 2010: 23-41.
- “Unfinished Work: From Cyborg to Cognisphere,” *Theory, Culture and Society* 23 (2006): 159-166.
- “Commentary: The Search for the Human,” *New Literary History* 36, no. 2 (Spring 2005): 327-333.
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- “Translating Media: Why We Should Rethink Textuality,” *Yale Journal of Criticism*, vol. 6, no. 3 (2003): 263-290.
- “Afterword: The Human in the Posthuman,” *Cultural Critique* 53 (Winter 2003): 134-137.
- “Deeper into the Machine: Learning to Speak Digital,” *Computers and Composition* 19 (2002): 371-386. Reprinted in revised form with images in *Culture Machine* 5 (Feb. 2003) http://culturemachine.tees.ac.uk/frm_f1.htm and in *State of the Arts: The*

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http://www.electronicbookreview.com/v3/servlet/ebr?command=view_essay&essay_id=haylescerp

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Selected Presentations

"Linking Bodies: Hypertext Narrative in Print and New Media," Ropes Distinguished Lecture, University of Cincinnati, February 2000.

"The Importance of Embodiment: Gender and Cognitive Science," Modern Language Association, December 1999.

Keynote Address, "Deconstructing Time in Hypertext Fiction," Digital Arts Conference, Atlanta GA, October 1999.

"The Specificity of Media," Invited lecture, Y2K Conference, Brown University, November 1999.

"Embodiment and the Posthuman," Invited lecture, Harvard University, November 1999.

"Posthuman Ideology: Technophobia, Technoecstasy, and the Subversion of the Liberal Subject," American Studies Association, October 1999.

"Hypertext and the Merging of Image and Text," Landmark Gallery Lecture Series, Texas Tech University, October 1999.

"Hypertext and the Spiral of Time," Rockefeller Center, Bellagio Italy, September 1999.

"The Schizoid Android in Philip K. Dick's Novels of the Mid-Sixties," Distinguished Guest Lecture, International Association of Fantastic in the Arts, March 1997.

"How We Became Posthuman," The Rector's Distinguished Guest Lecture, University of Helsinki, October 1997.

Keynote Address, "Narratives in Science: How Scientists Create Meaning," Society for Literature and Science, October 1997.

Editorial Boards, Executive Positions, Service to Profession

Co-Editor, Electronic Mediation Series, University of Minnesota Press, 2000-present..

Editor, Literature and Science Series, University of Michigan Press, 1995-2000.

Board of Literary Advisors, Electronic Literature Organization

Editorial Board, *Iowa Review* (on the Web)

President, Society for Literature and Science, 1991-93; First Vice-President, 1989-91; Second Vice-President 1987-89.

Advisory Board, *PMLA*, 1996-99.

Executive Committee, Association for Computers in the Humanities, 200-2003.

Executive Committee, Literary Criticism Division, Modern Language Association, 2004-2009.

Executive Committee, Literature and Science Division, Modern

Language Association, 1988-92.

Modern Language Association Prize Committee, 1994-97; chair 1997.

Editorial Board, *Iowa Review on the Web*

Editorial Board, *Postmodern Culture*.

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and Technology*.

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