

# Mark Turner

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Institute Professor  
and  
Professor and Chair of Cognitive Science  
Case Western Reserve University

## Education

Ph.D. University of California, Berkeley, English language and literature, 1983.  
M.A. University of California, Berkeley, Mathematics, 1979.  
B.A. University of California, Berkeley, Mathematics, 1978; English language and literature, 1974 (both with great distinction)

## Previous Appointments (partial listing)

FY04-FY06 Dean of the College of Arts & Sciences, Case Western Reserve University.  
2002-2004 Associate Director, Center for Advanced Study in the Behavioral Sciences.  
2001-2004 Distinguished University Professor, University of Maryland.

## Fellowships and Affiliations (partial listing)

2007- Extraordinary Member, Humanwissenschaftliches Zentrum der Ludwig-Maximilians-Universität, München.  
2004- Research Associate, Cultural Anthropology, Cleveland Museum of Natural History.  
2001-2002 Fellow, Center for Advanced Study in the Behavioral Sciences.  
2001 - Distinguished Fellow, New England Institute for Cognitive Science and Evolutionary Psychology.  
August 2000 Visiting Professor, International Graduate School in Linguistics, Denmark.  
June 2000 Visiting Professor, Collège de France.  
1999-2000 Visiting Scholar, Department of Linguistics, Stanford University.  
1996-1997 Member, Institute for Advanced Study, School of Social Science, Princeton.  
1997- External Research Professor, Krasnow Institute for Advanced Study.  
1994-1995 Fellow, Center for Advanced Study in the Behavioral Sciences.  
1992-1993 Fellow, John Simon Guggenheim Memorial Foundation.  
1992-1993 Visiting Scholar, Departments of Linguistics and Cognitive Science, University of California, San Diego.  
1989-1990 Fellow, National Humanities Center.  
1986-1987 Fellow, National Endowment for the Humanities.

## Books

### Editor

*The Artful Mind: Cognitive Science and the Riddle of Human Creativity*. New York: Oxford University Press, 2006.

### Sole Author

*Cognitive Dimensions of Social Science: The Way We Think About Politics, Economics, Law, and Society*. New York: Oxford University Press, 2001.

*The Literary Mind: The Origins of Language and Thought*. New York: Oxford University Press, 1996.

Danish edition, Copenhagen: Haase, 1999. Czech edition, Host Publishers, 2004. Named an Outstanding Book of 1997 (*Choice*).

*Reading Minds: The Study of English in the Age of Cognitive Science*. Princeton, New Jersey: Princeton University Press, 1991.

*Death is the Mother of Beauty: Mind, Metaphor, Criticism*. Chicago: University of Chicago Press, 1987; Cybereditions, 2002.

### Joint Author

Gilles Fauconnier and Mark Turner. *The Way We Think: Conceptual Blending and the Mind's Hidden Complexities*. New York: Basic Books, 2002.

Gilles Fauconnier and Mark Turner. *Amalgami: Introduzione ai Network di integrazione concettuale*. Urbino: Quattroventi, 2001. [A volume in the series *Neuroscienze cognitive e psicoterapia*.] [This book is an Italian translation by Antonino Carcione and Michele Procacci of the long article "Conceptual Integration Networks."]

Cristina Cacciari, Ray Gibbs, Jr., Albert Katz, and Mark Turner. *Figurative Language and Thought*. New York: Oxford University Press, 1998.

Francis-Noël Thomas and Mark Turner. *Clear and Simple as the Truth: Writing Classic Prose*. Princeton, New Jersey: Princeton University Press, 1994.

Awarded the *Prix du Rayonnement de la langue et de la littérature françaises* (Académie française) 1996.

George Lakoff and Mark Turner. 1989. *More than Cool Reason: a Field Guide to Poetic Metaphor* (with George Lakoff). Chicago: University of Chicago Press. Japanese edition, 1994 (Tokyo: Kinokuniya). Korean edition, 1999 (Hankook).

#### Electronic Monograph

*L'Imagination et La Créativité: Conférences au Collège de France*. 2002.  
(<http://markturner.org/cdf.html>.)

#### Other Editions

Guest Editor, *Shakespeare in the Age of Cognitive Science. Shakespearean International Yearbook*. Volume 4. Edited by Graham Bradshaw, Thomas Bishop, and Mark Turner. Hants, U.K.: Ashgate Publishing Limited, 2004,

#### Contributions to Books, Sole Author

"Frame Blending." 2008. In *Frames, Corpora, and Knowledge Representation*, edited by Rema Rossini Favretti. Bologna: Bononia University Press. 13-32.

"The Way We Imagine" in *The Imaginative Mind*. 2007. Edited by Ilona Roth. London: Oxford University Press & The British Academy. [*Proceedings of the British Academy* 147, 213–236.]

"Conceptual Integration." 2007. *The Oxford Handbook of Cognitive Linguistics*. Edited by Dirk Geeraerts and Hubert Cuyckens. Oxford: Oxford University Press, 377-393.

"The Literal versus Figurative Dichotomy." 2005. In *The Literal and Nonliteral in Language and Thought*. Edited by Seana Coulson and Barbara Lewandowska-Tomaszczyk. Frankfurt: Peter Lang. Pages 25-52. [Excerpt with modifications from a chapter in *Figurative Language and Thought*.]

"The Ghost of Anyone's Father." 2004. *Shakespearean International Yearbook*. Edited by Graham Bradshaw, Thomas Bishop, and Mark Turner. Volume 4. Hants, U.K.: Ashgate Publishing Limited, pages 72-97. Part of a special section on "Shakespeare in the Age of Cognitive Science," guest editor, Mark Turner.

"Double-scope stories." 2003. In *Narrative Theory and the Cognitive Sciences*, edited by David Herman. Stanford: Center for the Study of Language and Information, pages 117-142.

"Literacy and Cognition." 2003. In *Reading Between the Lines: New Perspectives on Foreign Language Literacy*, edited by Peter C. Patrikis. New Haven: Yale University Press, pages 24-39.

"Forging Connections." 1999. *Computation for Metaphor, Analogy, and Agents*. Edited by Chrystopher Nehaniv. A volume in the series *Lecture Notes in Artificial Intelligence*. Berlin: Springer-Verlag, pages 11-26.

"The Elements of Style." 1999. In *The Dolphin Handbook*, edited by Jeanne Fahnestock, David Jolliffe, and Gerald Mulderig. New York: Houghton Mifflin, 1999.

"Backstage Cognition in Reason and Choice." 2000. In Arthur Lupia, Mathew D. McCubbins, and Samuel L. Popkin, editors, *Elements of Reason: Cognition, Choice, and the Bounds of Rationality*. Cambridge University Press. Pages 264-286.

"Conceptual Blending and Counterfactual Argument in the Social and Behavioral Sciences." 1996. *Counterfactual Thought Experiments in World Politics*. Edited by Philip Tetlock and Aaron Belkin. Princeton, N.J.: Princeton University Press, pages 291-295.

"Design for a Theory of Meaning" in *The Nature and Ontogenesis of Meaning*. Edited by W. F. Overton and D. S. Palermo. Hillsdale, NJ: Lawrence Erlbaum Associates, 1994, pages 91-107.

"An Image-Schematic Constraint on Metaphor" in *Cognitive Linguistics Research*, volume 3: *Conceptualizations and Mental Processing in Language*. Edited by Richard Geiger and Brygida Rudzka-Ostyn. Berlin and New York: Mouton de Gruyter, 1993, pages 291-306.

"Categories and Analogies" in *Analogical Reasoning: Perspectives of Artificial Intelligence, Cognitive Science, and Philosophy*. Edited by David Helman. Dordrecht: Kluwer, 1988, pages 3-24. Reviewed in TLS (14-20 April 1989).

Contributions to Books, Joint Author

Gilles Fauconnier & Mark Turner. In press. "[Rethinking Metaphor](#)". In Ray Gibbs, editor, *Cambridge Handbook of Metaphor and Thought*. New York: Cambridge University Press.

- Gilles Fauconnier and Mark Turner. 2007. "The Origin of Language as a Product of the Evolution of Modern Cognition." In *Origin and Evolution of Languages: Approaches, Models, Paradigms*. Edited by Bernard Laks. London: Equinox Publishing Ltd.
- Gilles Fauconnier and Mark Turner. 2003. "Polysemy and Conceptual Blending." In *Polysemy: Flexible Patterns of Meaning in Mind and Language*. Edited by Brigitte Nerlich, Vimala Herman, Zazie Todd, and David Clarke. Berlin & New York: Mouton de Gruyter. Pages 79-94. A volume in the series *Trends in Linguistics*.
- Mark Turner and Gilles Fauconnier. 2000. "Metaphor, Metonymy, and Binding." In *Metonymy and Metaphor*. Edited by Antonio Barcelona. Berlin and New York: Walter de Gruyter. Pages 133-145. [In the series *Topics in English Linguistics*.]
- Mark Turner and Gilles Fauconnier. 1999. "Life on Mars: Language and the Instruments of Invention." In *The Workings of Language* Edited by Rebecca Green. Westport, Connecticut: Praeger. Pages 181-200. Reprint of an article in *Poetics Today*.
- Gilles Fauconnier and Mark Turner. 1999. "Metonymy and Conceptual Integration" in *Metonymy in Language and Thought*. Edited by Klaus-Uwe Panther and Günter Radden. Amsterdam: John Benjamins. Pages 77-90. [A volume in the series *Human Cognitive Processing*].
- Gilles Fauconnier and Mark Turner. 1998. "Principles of Conceptual Integration" in *Discourse and Cognition*. Edited by Jean-Pierre Koenig. Stanford: Center for the Study of Language and Information. Pages 269-283.
- Mark Turner and Gilles Fauconnier 1998. "Conceptual Integration in Counterfactuals" in *Discourse and Cognition*. Edited by Jean-Pierre Koenig. Stanford: Center for the Study of Language and Information Pages 285-296.
- Gilles Fauconnier and Mark Turner. 1996. "Blending as a Central Process of Grammar" in *Conceptual Structure, Discourse, and Language*. Edited by Adele Goldberg. Stanford: Center for the Study of Language and Information. Pages 113-130. [An expanded version appears in a Polish translation " Tworzenie amalgamatow jako jeden z glownych procesow w gramatyce " in *Jezykoznanstwo kognitywne II: Zjawiska pragmatyczne* (Cognitive Linguistics II: Pragmatic Phenomena). Edited by Wojciech Kubinski and Danuta Stanulewicz. Gdansk, Poland: Wydawnictwo Uniwersytetu Gdanskiego (University of Gdansk Press), 2001] ISBN 83-7326-029-3

Gregory Colomb and Mark Turner. 1989. "Computers, Literary Theory, and Theory of Meaning" in *The Future of Literary Theory*. Edited by Ralph Cohen. New York: Routledge. Pages 386-410, notes: pages 436-443.

Articles, Sole Author

"Compression and Representation." 2006. *Language and Literature*. 15:1, 17-27.

"The Study of Mental Events in Cognitive Science and Social Science." 2004. *Report of the Workshop on Scientific Foundations of Qualitative Research*. Prepared by Charles C. Ragin, Joane Nagel, and Patricia White. National Science Foundation. Pages. 137-140.

"Mathematics and Narrative." 2005. Paper presented at the International Conference on Mathematics and Narrative, Mykonos, Greece, 12-15 July 2005. Web publication: <http://www.thalesandfriends.org/papers.html>

"The Origin of Selkies." 2004. *Journal of Consciousness Studies*, volume 11, numbers 5-6: pages 90-115. Part of a special section on "Consciousness and Literature," Roberta Tucker, guest editor.

"An Interview with the Blending Guru." 2002. *Information*. Danish Newspaper. September.

"L'intégration conceptuelle." 2002. *La Lettre du Collège de France*. Number 6. October 2002.

"The Dynamics of Seduction." 2002. *Apparatur:Tidsskrift for litteratur og kulturr* 4:2. August, 2002. Odense, Denmark. pp. 20-22. ([www.apparatur.dk](http://www.apparatur.dk). ISSN1601-5576)

"Toward the Founding of Cognitive Social Science." 2001. *Chronicle of Higher Education*. 5 October 2001. Pages B11-12.

"The Cognitive Study of Art, Language, and Literature." 2002. *Poetics Today*. 23:1 (Spring 2002), 8-20.

"Cognitive Science and Literary Theory." 1994. *Stanford Humanities Review*. 4:1 Supplement. (Spring 1994), 110-112.

"Language is a Virus." 1992. *Poetics Today* 13:4 (Winter 1992), 725-736.

"Poetry: Metaphor and the Conceptual Context of Invention." 1990. *Poetics Today* 11:3, (Fall 1990), 463-482.

"Aspects of the Invariance Hypothesis." 1990. *Cognitive Linguistics* 1:2, 247-255.

"Symmetry and Literature." 1986. *Language and Style*. 19:2, 164-183.

"Propertius Through the Looking Glass: A Fragmentary Glance at the Construction of Pound's *Homage*." 1976. *Paideuma* 5:2, 241-265.

#### Articles, Joint Author

Gilles Fauconnier and Mark Turner. In press. "The Origin of Language as a Product of the Evolution of Double-Scope Blending " *Brain and Behavioral Sciences*.

Gilles Fauconnier and Mark Turner. 2003. "Conceptual Blending, Form, and Meaning." *Recherches en communication: Sémiotique Cognitive*, number 19 (2003), 57-86. (A version of a chapter in *The Way We Think*.)

Mark Turner and Gilles Fauconnier. 2003. "Begriffsmischung und Metapher." *Zeitschrift für Semiotik* volume 25, numbers 3-4, pages 241-262.

Mark Turner and James Underhill. 2002. "Meaning, Language, and Mind: An Interview with Mark Turner." (James Underhill, interviewer.) *Style* 36:4 (Winter 2002), 700-717.

Marco Casonato, Gilles Fauconnier, and Mark Turner. 2001. "L'immaginazione ed il cosiddetto 'conflitto' psichico." *Annuario di Itinerari Filosofici*, volume 5 (Strutture dell'esperienza), number 3 (Mente, linguaggio, espressione). Milano: Mimesis.

Gilles Fauconnier and Mark Turner. 2000. "Compression and Global Insight." *Cognitive Linguistics* 11:3-4. Pages 283-304.

Mark Turner and Gilles Fauconnier. 1999. "Miscele e metafore." *Pluriverso: Biblioteca delle idee per la civiltà planetaria* 3:3 (September 1999), 92-106. [Translation by Anna Maria Thornton.]

Mark Turner and Gilles Fauconnier. 1999. "A Mechanism Of Creativity." *Poetics Today*. Volume 20, number 3 (Fall 1999), pages 397-418. [Reprinted in *The Workings of Language*].

Gilles Fauconnier and Mark Turner. 1998. "Conceptual Integration Networks." *Cognitive Science* 22:2 (April-June 1998), 133-187. Reprinted in Geeraerts, Dirk, editor, 2006, *Cognitive Linguistics: Basic Readings* (Berlin: Mouton de Gruyter). Also reprinted in Evans, Vyvyan, Benjamin K. Bergen, & Jörg Zinken, editors, 2007, *The Cognitive Linguistics Reader* (London: Equinox

Publishing Ltd.) [Danish translation: "Konceptuelle integreringsnetværk" (translated by Martin Skov). In *Kognitiv semiotik*, edited by Peer F. Bundgård, Jesper Egholm, and Martin Skov (Copenhagen: Haase & Søns, 2003).]

Mark Turner and Gilles Fauconnier. 1995. "Conceptual Integration and Formal Expression." *Metaphor and Symbolic Activity*. 10:3 (1995), 183-204.

## Reviews

Review of Leonard Talmy, *Toward a Cognitive Semantics*. Two volumes. Cambridge: MIT Press, 2000. *Language: The Journal of the Linguistic Society of America* 78:3 (2002), 576-578.

"Poetry For the Newborn Brain."

A commentary on Terrence Deacon, *The Symbolic Species: The co-evolution of language and the brain*. Published in *Bostonia*, Spring 1998, Number 1, 72-73.

"As Imagination Bodies Forth the Forms of Things Unknown."

Review of Raymond W. Gibbs, Jr., *The Poetics of Mind: Figurative Thought, Language, and Understanding*. Published in *Pragmatics and Cognition*, 3:1 (1995) 179-185.

Review of David Leary, editor, *Metaphors in the History of Psychology*. *Philosophical Psychology* 5: 2 (1992) 228-230.

Review of Michael S. Kearns, *Metaphors of Mind in Fiction and Psychology*. *Modern Philology* 87:1 (1989), 112-114.

## Boards and Panels

Member, Advisory Board, Center for Applied Research in the Arts, The Walters Art Museum, Baltimore, Maryland.

Consulting Editorial Board, *Cambridge Encyclopedia of Language Sciences*.  
[http://www.cels.uconn.edu/Ed\\_Board.html](http://www.cels.uconn.edu/Ed_Board.html).

Editorial Advisory Board, *Political Behavior: Cognition, Psychology, & Behavior*.

Editorial Board, *Cognitive Semiotics*.

Associate Principal Investigator and Member of the Governing Board of *General Population Experiments for the Social Sciences*

*Arob@se: Journal des lettres & sciences humaines*

*Journal of Metaphor and Symbol*

*Rivista di philologia cognitiva*: an international online journal devoted to cognitive philology

*Cybereditions.com*

*Psychological Study of the Arts* (a peer-reviewed electronic journal)  
Advisory Panel, *The Dolphin Handbook of Academic Writing* (Houghton Mifflin)

Teaching Award

University of Maryland Faculty Mentor of the Year, 1999.

Invited Presentations (sole, keynote, or plenary, partial listing, since 1995)

[ESSE 2008](#). Aarhus University, Denmark. 22-26 August 2008.

"Conceptual Emergence." Star Island symposium on Emergence in Human Evolution and Development. 28 July - 4 August, 2008. Plenary. Invited.

"Basic Mental Operations and the Literary Mind." Conference on The Literary Mind. Humboldt-Universität zu Berlin. 10-13 April 2008.

"Meaning Construction and Mental Packing." Center for Semiotic Research, Denmark. 8 February 2008.

"Mental Packing and the Law." USC School of Law. 27 November 2007.

"Understanding Other Minds." Conference: Theory of Mind and Literature. Purdue University. 1-3 November 2007.

First Annual Clarence Branton Memorial Lecture. Washington & Jefferson College. 22 October 2007.

Slavic Cognitive Linguistics Association. University of Chicago, 12-14 October 2007.

"Personal Identity and Telecommunications." Conference: Communication in the 21st Century. Organized by the Hungarian Academy of Sciences and Hungarian Telekom. Budapest, Hungary. 27-29 September 2007.

"Blending as the Origin of Language." Conference: Language and Cognition. Minas Gerais, Brazil. 9-11 August 2007.

"Conceptual Evolution." Institute of Cognitive Science, University of Louisiana, Lafayette. 16 April 2007.

"Descent of Meaning." Santa Fe Institute. 11-16 March 2007.

"The Literary Mind." 2007 Robert J. Kane Memorial Lecture. Ohio State University.

- "Conceptual Integration and the Lexicon." Conference on The Architecture of Language: From Cognitive Modeling to Brain Mapping and Back. Pisa, Italy. June 2006.
- "Frame Blends." Conference on Frames: a Colloquium in Linguistics, Philosophy, and Economics. Bologna, Italy. June 2006.
- "Principles of Conceptual Integration." First Conference of the Chinese Cognitive Linguistics Association. Nanjing, China, May 2006.
- "Blending and Compression." Conference on New Directions in Cognitive Linguistics. Brighton, United Kingdom. October, 2005.
- "Mathematics and Narrative." International Conference on Mathematics and Narrative. Mykonos, Greece. July, 2005.
- "Autonomy, Singularity, Creativity." National Humanities Center. November, 2006.
- "The Confluence of Story, Metaphor, and Vision." Stanford Humanities Center. November 2004.
- "Cognitive Poetics." Poetics and Linguistics Association Annual Internal Conference. New York. July 2004.
- "The Origin of the Imagination." Symposium on Imaginative Minds. The British Academy. London. May 2004.
- "The Way We Think." R. Lowry Dobson Memorial Lecture in the Social Sciences, University of California, Berkeley. April 2003.
- "Blending in Science and Art." Royal Flemish Academy of Belgium for Science and the Arts. Brussels. March, 2003.
- "Blended Stories." Harvard Humanities Center. November 2002.
- "The Cognitive Science of Creativity." The Alan and Fannie Leslie Center for the Humanities, Dartmouth College. November 2002.
- "Cognitive Creativity in Law, Politics, and Economics." Max-Planck Institute for Law, Economics, and Politics. Bonn, Germany. October 2002.
- "Double-scope blending and the integration continuum." Conference on Origine et évolution des langues : approches, modèles, paradigmes. Collège de France, Paris. September 2002.
- "Counterfactual Reasoning in the Social Sciences." Great Ideas in Social Science Series, Center for Governance, University of California, Los Angeles, May 2002.

- "Art as material anchor for distributed cognition." Getty Research Institute, Brentwood. April 2002.
- "Abstraction and Compression." Center for Advanced Study in the Behavioral Sciences, March 2002.
- "The Cognitive Roots of Culture." Graduate Program in Culture and Cognition, University of Michigan, February 2002.
- "The Pleasure of Binding and Compression." *Plaisir: The Pleasure of Art as Sensed by the Brain*. Institute for Neuroesthetics. University of California, Berkeley. January 2002.
- "Language Acquisition." Second Language Acquisition Institute. University of California, Davis. November, 2001.
- "Cognitive Science, Rational Choice, and Social Change." Institute for International Studies, Center for International Security and Cooperation. Stanford University. January 2001.
- "Literacy and Cognition." Conference on Foreign Language Literacies. Brown University. October, 2000.
- "The literary mind, forbidden fruit, and creativity." University of Copenhagen, August 2000.
- "The origin of language as a product of the evolution of modern cognition." Seventh International Cognitive Linguistics Conference. University of California, Santa Barbara. July, 2001.
- Collège de France. Four lectures, June 2000. L'imagination et le cerveau. L'invention du sens. La perspicacité et la mémoire. La neuroscience cognitive et la créativité.
- "The Way We Think." International Conference on The Mind. Urbino, Italy. April 2000.
- "Principles of Innovation." Center for Advanced Study in the Behavioral Sciences. February 2000.
- "Evolution and the Literary Mind." Symposium on "Imagination and the Adapted Mind: The Prehistory and Future of Poetry, Fiction, and Related Arts." University of California, Santa Barbara. August, 1999.

"Principles of Spatial Cognition." NSF/Institute for Cognitive Studies Symposium on Spatial Cognition. University of California, Berkeley. May, 1999.

"Creativity in Language and Literature." Edinburgh International Festival of Science. April, 1999.

"Blending and the Brain. Krasnow Institute for Advanced Study in Cognitive Neuroscience. September, 1998.

"Varieties of Conceptual Projection." Five seminars. Institute for Semiotic Research. University of Aarhus, Denmark. May-June, 1998.

"Forging Connections." Conference on Computation of Metaphor, Analogy, and Agency. University of Aizu, Japan. April, 1998.

"Creativity and the construction of concepts." A series of lectures at the Istituto per la Ricerca Scientifica e Tecnologica, Istituto Trentino di Cultura, Trento, June 1996.

"Evolutionary Theory of Meaning." Institute for Advanced Study, Princeton. April 1997.

"Backstage Cognition in Social Science Research." Institute for Advanced Study, Princeton. October 1996.

"Mappings in Conceptual Systems, Grammar, and Meaning Construction." Eighteenth Annual Conference of the Cognitive Science Society, San Diego. July, 1996.

"From Human Body to Human Language." Carver Symposium on Thinking About the Brain: Vision, Concepts, and Language. Department of Neurology, College of Medicine, University of Iowa. April, 1995.

"Blending and Metaphor." Fourth International Cognitive Linguistics Conference. Albuquerque. July 1995.

"The Spotlight and The Lab Rat." Social Sciences Research Council - MacArthur Foundation Conference on Counterfactual Thought Experiments in World Politics. Berkeley. January 1995.

Well over 100 other presentations in the United States, Canada, Europe, Asia, and South America since 1988.