

CURRICULUM VITAE

November 2024

Ruth Garrett Millikan

Education

A.B. Oberlin College, 1955

Ph.D. Yale University, 1969

Teaching

2007	September to December, Belle Van Zuylen Chair in the Humanities, Utrecht University, Netherlands
2004-2007	Emeritus Professor of Philosophy, teaching spring terms only
2001-	Board of Trustees Distinguished Professor, University of Connecticut
2000 -2003	The Alumni Association's Distinguished Professor for 2000-2003
1998	Research Professor, University of Stockholm, January through June
1996-2004	Full Professor, University of Connecticut, tenured full time.
1993-1996	Full Professor, University of Michigan, tenured 1/2 time.
1988-1991	Full Professor, University of Connecticut, not tenure track, 1/2 time.
1992-1996	Full Professor, University of Connecticut, not tenure track, 1/2 time.
1983-1988	Associate Professor, University of Connecticut, not tenure track, 1/2 time.
1977-1983	Adjunct Lecturer in Philosophy and Women's Studies, University of Connecticut
1971-1972	Assistant Professor, University of Western Michigan, tenure track, 2/3 time.
1969-1971	Assistant Professor, Berea College, tenure track, 1/2 time.
1962-1964	Instructor, University of Connecticut, tenure track, full time
1961-1962	Teaching Assistant, Yale University

Areas of Specialty

Philosophy of Mind and of Psychology

Philosophy of Language; Pragmatics

Philosophy of Biology

Ontology

Natural Epistemology

Publications

Books:

- 1984** **Language, Thought, and Other Biological Categories**, Bradford Books/MIT Press, 1984.
 Reprinted: Portions of Chapters 1 and 2, in David J. Buller ed. Function, Selection and Design, SUNY press, 1999, pp. 85-95.
 Reprinted: The Introduction (under the misleading title "Biosemantics"), in Andrea Nye, ed., Philosophy of Language: The Big Questions, Blackwells, 1998, 93-102.
 Reprinted: The Epilogue, in Maria Baghramian ed., Modern Philosophy of Language, Counterpoint Press, 1999.
 Chinese translation by Zhang Zhou, The Commercial Press, 2019
- 1993** **White Queen Psychology and Other Essays For Alice**, Bradford Books/MIT Press 1993.
- 2000** **On Clear and Confused Ideas: An Essay about Substance Concepts**, Cambridge University Press 2000
 Italian translation Sulle idee chiare e confuse. Saggio sui concetti di sostanza
 Vanni Zavarella translator, Edizioni Tecnico-Scientifiche Publishers 2003.
- 2002** **Varieties of Meaning: The Jean-Nicod Lectures 2002**, MIT Press 2004.
 Japanese translation, Yukihiro Nobuhara translator, publisher Keiso Shobo, 2007.
 German translation, Die Vielfalt der Bedeutung. Zeichen, Ziele und ihre Verwandtschaft "Hajo Greif translator, publisher Suhrkamp Verlag 2008.
 Reprinted Chs. 3-5, A. P. Martinich ed., Philosophy of Language: Critical Concepts in Philosophy. Volume II Semantics, Routledge 2008, pp. 273-3??.
- 2005** **Language: A Biological Model**, Oxford University Press, 2005.
- 2012** **Biosemantik Sprachphilosophische Aufsätze**, six essays with a forward, translated by Alex Burri, Suhrkamp Verlag, 2012.
- 2013** **Millikan and Her Critics** (with my replies), D. Ryder, J. Kingsbury and K. Williford eds., Basil Blackwell 2013.
- 2017** **Beyond Concepts: Unicepts, Language and Natural Information**, Oxford University Press, 2017

Articles:

- 1979** "An Evolutionist Approach to Language", Philosophy Research Archives, vol. 5, No. 4 (1979). [[Printed version](#)] [[Pre-print version](#)]
- 1986** "Thoughts Without Laws", Philosophical Review 95.1 (1986) pp. 47-80
Reprinted in H. Geirsson and M. Losonsky eds., Readings in Language and Mind, Blackwell 1996. [[Printed version](#)]
- 1984** "Naturalist Reflections on Knowledge", Pacific Philosophical Quarterly 65.4 (1984) pp.315-334. [[Printed version](#)]
- 1986** "The Price of Correspondence Truth", Nous 20.4 (1986) pp. 453-468.
[[Printed version](#)]
- 1986** "Metaphysical Antirealism?", Mind 95.4 (1986).
Reprinted in The Philosophers Annual Vol. IX, 1986, Ridgeview; pp. 417-431. [[Printed version](#)]
- 1989** "In Defense of Proper Functions", Philosophy of Science 56.2 (1989) pp. 288-302.
Reprinted in Colin Allen, Mark Bekoff and George Lauder eds., Nature's Purposes MIT Press 1998.
Reprinted in David Buller ed. Function, Selection and Design, SUNY press, 1999, pp. 115-121. [[Printed version](#)]
- 1989** "Biosemantics", The Journal of Philosophy 86.6 (1989) pp. 281-297.
Reprinted in C. Macdonald and G. Macdonald, Philosophy of Psychology: Debates on Psychological Explanation, Oxford University Press 1995:.
Reprinted in Mental Representation: A Reader, Steven Stich and Ted Warfield eds., Basil Blackwell 1994: 243-258.
Reprinted in A. Clark and J. Toribo eds., Artificial Intelligence and Cognitive Science Vol. IV, Language and Meaning in Cognitive Science, Hamden CT: GarlandPublishing, 1998.
German translation, "Biosemantik" in Thomas Metzinger, ed., Das Leib-Seele- Problem in der zweiten Hälfte des zwanzigsten Jahrhunderts Frankfurt am Main, Suhrkamp publishers, 1999.
Reprinted in W.G. Lycan ed., Mind and Cognition: An Anthology (Oxford: Blackwell, 1998), pp. 221-230..
Reprinted in J. Crumley ed., Problems in Mind: Readings in Contemporary Philosophy of Mind (Mayfield Publishing 1999).
Reprinted in David Chalmers, ed., Philosophy of Mind Oxford University Press 2002, pp 500-509. Also in 2nd edition. pp
Reprinted in R.C Hoy and L.N. Oaklander eds., Metaphysics: Classic and Contemporary Readings, Wadsworth 2005.
Reprinted in W.G. Lycan and J. Prinz eds., Mind and Cognition: An Anthology Third Edition (Oxford: Blackwell, 2008), pp.

Hungarian translation "Bioszemantika" Volume: Elmefilozófia (G. Ambrus, T. Demeter, G. Forrai, J. Tozséer eds. (Budapest: L'Harmattan, 2008) [Gábor Forrai <forrai.gabor@chello.hu>]
Japanese translation in Philosophy of Mind III: Translated Anthology (Tokyo: Keiso Shobo publishers).
Reprinted in Philosophy of Mind: Critical Concepts in Philosophy, Sean Crawford ed., Routledge (Taylor & Francis)
German translation, "Biosemantik" in Thomas Metzinger, ed., Grundkurs Philosophie des Geistes. Band 3: Intentionalität und mentale Repräsentation (Paderborn: mentis, 2010).
Reprinted in Peter Morton ed., A Historical Introduction to the Philosophy of Mind, Second Edition, Alberta CA: Broadview Press, 2010, 575-86.
Reprinted in Philosophy of Mind (2nd edition) David Chalmers ed. (Oxford: Oxford University Press 2020) [Printed version](#)

1989 **"An Ambiguity in the Notion 'Function' "**, Biology and Philosophy 4.2 (1989) pp. 172-176. [\[Pre-print version\]](#)

Reprinted in David J. Buller ed. Function, Selection and Design, SUNY press, 1999, pp. 115-121. [\[Pre-printed version\]](#) [\[Printed version\]](#)

1990 **"Truth Rules, Hoverflies, and the Kripke-Wittgenstein Paradox"**, The Philosophical Review 99.3 (1990[a]) pp. 323-353.

Reprinted in Christopher Peacocke ed., The International Research Library of Philosophy, Understanding and Sense Vol II, Aldershot Hants: Dartmouth Publishing, 1991?.

Reprinted in Alexander Miller and Crispin Wright eds., Rule-Following and Meaning, Acumen Publishing Ltd 2002.

Reprinted in A.P. Martinich, The Philosophy of Language, 4th edition, Oxford: Oxford University Press, 2000, pp. 545-561; also in the 5th edition, Oxford 2006, pp. 639-55. [\[Printed version\]](#)

1990 **"Compare and Contrast Dretske, Fodor and Millikan on Teleosemantics"**, Philosophical Topics 18.2 (1990[b]) pp.151-161. [\[Pre-printed version\]](#) [\[Printed version\]](#) [\[Pre-print version\]](#)

1990 **"The Myth of the Essential Indexical"**, Nous 24.5 (1990[c]) pp. 723-734. [\[Pre-print version\]](#)

German translation "Der Mythos der wesentlichen Indexwörter" by Erich Rast. In M. Kettner and H. Pape eds., Indexikalität und Weltbezug, Paderborn: Mentis- Verlag, 2002, 163-176

Reprinted in revised version as "The Myth of Mental Indexicals" in Andrew Brook and Richard DeVidi eds., Self-Reference and Self-Awareness. Advances in Consciousness Research Volume 11, John Benjamins 2001, 167-181. [\[Pre-printed version\]](#) [\[Printed version\]](#)

1991 **"Speaking Up For Darwin"**, in eds. G. Rey and B. Loewer, Meaning in Mind: Fodor and His Critics, Blackwell 1991[a], pp. 151-164. [\[Printed Version\]](#)

- 1991 **"Perceptual Content and Fregean Myth"**, centennial issue of Mind, Volume 100.4 (1991[b]) pp. 439-59. [\[Pre-print version\]](#) [\[Pre-printed version\]](#) [\[Printed version\]](#)
- 1993 **"Explanation in Biopsychology"**, in J. Heil and A. Mele, eds., Mental Causation, Oxford University Press 1993 pp. 211-232.
Reprinted in C. Macdonald and G. Macdonald, Philosophy of Psychology: Debates on Psychological Explanation, Oxford University Press 1995 (Parts VII- X).
German translation "Erklärungen in der Biopsychologie," Hajo Greif translator. In Christoph Horn and Guido Löhrer, eds., Gründe und Zwecke. Berlin: Suhrkamp Verlag 2009, 264-293..
Translated into Spanish, Jorge Tagle ... [\[Pre-printed version\]](#) [\[Original printed version\]](#)
- 1993 **"Content and Vehicle"**, in Spatial Representation, Naomi Eilan, Rosaleen McCarthy, Bill Brewer, eds., Blackwell 1993, pp. 256-268. Reissued by Oxford University Press 1999. [\[Printed version\]](#)
- 1993 **"Knowing What I'm Thinking Of"**, The Aristotelian Society, Supplementary volume 67 (1993) pp. 109-124. [\[Pre-printed version\]](#) [\[Printed version\]](#) [\[Pre-print version\]](#)
- 1993 **"On Mentalese Orthography,"** in Bo Dahlbom, ed., Dennett and His Critics, Blackwell 1993, pp. 97-123. [\[Pre-printed version\]](#) [\[Printed version\]](#) [\[Pre-print version\]](#)
- 1994 **"On Unclear and Indistinct Ideas"**, in James Tomberlin, ed., Philosophical Perspectives vol. VIII, Atascadero CA: Ridgeview Publishing 1994, pp. 75-100. [\[Pre-printed version\]](#) [\[Printed version\]](#) [\[Pre-print version\]](#)
- 1995 **"A Bet With Peacocke,"** in Macdonald and Macdonald eds., Philosophy of Psychology: Debates on Psychological Explanation, Oxford University Press 1995, pp. 285- 292. [\[Pre-printed version\]](#) [\[Pre-print version\]](#)
- 1996 **"Pushmi-pullyu Representations"**, in James Tomberlin, ed., Philosophical Perspectives vol. IX, Atascadero CA: Ridgeview Publishing 1996, pp. 185-200.
Reprinted in Mind and Morals, ed. L. May and M. Friedman, MIT Press 1996, pp. 145-161.
Reprinted in Philosophy of Language. The Central Topics, Susana Luccetelli and Gary Seay eds., Rowman & Littlefield 2008, pp. 363-74
Polish translation, "Reprezentacje-dwugowce" by Marcin Milkowski in "Przegląd Filozoficzno-Literacki" (Philosophical/Literary Review) vol.39, no.2, 2014, pp.19-38. [\[Pre-print version\]](#) [\[Printed version II\]](#) [\[Pre-print version\]](#)
- 1996 **"On Swampkinds"**, Mind & Language 11.1 (March 1996[b]) pp. 103-117. [\[Pre-printed version\]](#) [\[Printed version\]](#) [\[Pre-print version\]](#)
- 1996 **"Varieties of Purposive Behavior,"** in Robert Mitchell, ed., [\[Pre-print version\]](#)

Anthropomorphism, Anecdotes, and Animals, SUNY Press, 1996[c], pp.189-197.

German translation, "Verschiedene Arten von zweckgerichtetem Verhalten." In Der Geist der Tiere: Philosophische Texte zu einer aktuellen Diskussion, Dominik Perler and Marcus Wild eds. (Frankfurt: Surkamp) 2005, 201-212. [[Pre-printed version](#)][[Printed version](#)]

1995 **"Pojęcia Syntetyczne: Filozoficzne Rozważania o Kategoryzacji,"** Roczniki Filozoficzne vol. 43 no.1 (1995) pp. 165-180.

1998 **"Cognitive Luck: Externalism in an Evolutionary Frame,"** in P. Machamer and M. Carrier eds., Philosophy and the Sciences of Mind, Pittsburgh-Konstanz series in the Philosophy and History of Science, Pittsburgh University Press and Universitätsverlag Konstanz 1998, pp. 207-219. [[Pre-print version](#)]

1997 **"Images of Identity,"** Mind 106 no.423 (July 1997) pp. 499-519. [[Pre-printed version](#)] [[Printed version](#)] [[Pre-print version](#)]

1998 **"Proper Function and Convention in Speech Acts,"** in ed. L.E. Hahn, The Philosophy of Peter F. Strawson. The Library of Living Philosophers (LaSalle IL: Open Court 1998), pp.25-43. [[Pre-print version](#)] [[Pre-print version](#)]

1998 **"A Common Structure for Concepts of Individuals, Stuffs, and Basic Kinds: More Mama, More Milk and More Mouse",** Behavioral and Brain Sciences 21.1 (February 1998), pp. 55-65. [[Pre-print version](#)]

Reprinted in E. Margolis and S. Laurence eds., Concepts: Core Readings, MIT Press 1999, 525-547.

Hungarian translation, in Laszlo Tarnay and Abdras Bocz, eds., Nyelv - Tudat Evolucio, A Nyelv Kognitiv Megközelitesei (Language, Mind and Evolution volume II; Cognitive Approaches to Language), Tamas Polya, translator (Budapest: joint edition by the University of Pecs Press and Osiris Press)

French translation, "Une structure commune pour les concepts d'individus, de matières et d'espèces réelles : encore Maman, encore lait, encore souris", translated by Françoise Longy (with commentary) in Les cahiers philosophiques de Strasbourg, October 2003, pp. 259-298. [[Pre-print version](#)][[Printed version](#)]

1998 **"With Enemies Like these I Don't Need Friends",** Behavioral and Brain Sciences Vol 21.1 (February 1998) pp. 89-100. [[Pre-print version](#)][[Printed version](#)] [[Pre-print version](#)]

1998 **"Language Conventions Made Simple,"** Journal of Philosophy XCV no.4 (April 1998), pp. 161-180. [[Pre-print version](#)]

Reprinted in Linguistic and Philosophical Investigations, 7, 2008 (March)

German translation "Sprachliche Konventionen vereinfacht." In Biosemantik. Sprachphilosophische Aufsätze, Alex Burri tr.,

Surkamp Verlag, 2012.[\[Pre-print version\]](#)[\[\[Printed version\]](#)

- 1998 **"How We Make Our Ideas Clear,"** The Tenth Annual Patrick Romanell Lecture, Proceedings and Addresses of the American Philosophical Association. November 1998, pp 65-79.[\[Pre-print version\]](#)[\[Pre-print version 2\]](#)[\[Printed version\]](#) [\[Pre-print version\]](#)
- 1998 **"A More Plausible Kind of 'Recognitional Concept'".** In E. Villanueva, ed., Concepts: Philosophical Issues Vol. 9, 1998 (Atascadero CA: Ridgeview Publishing), pp. 35-41.[\[Pre-print version\]](#)[\[Printed version\]](#) [\[Pre-print version\]](#)
- 1999 **"Wings, Spoons, Pills and Quills; A Pluralist Theory of Functions,"** The Journal of Philosophy 96.4, 1999, pp.191-206.[\[Pre-print version\]](#)[\[Printed version\]](#) [\[Pre-print version\]](#)
- 2000 **"Representations, Targets and Attitudes"** (Millikan/Cummins Discussion) Philosophy and Phenomenological Research 60.1 (January 2000) pp.103-111.[\[Pre-print version\]](#)[\[Printed version\]](#) [\[Pre-print version\]](#)
- 1999 **"Historical Kinds and the Special Sciences,"** 1997 Oberlin Colloquium, Philosophical Studies 95.1-2, August 1999, pp. 45-65.[\[Pre-print version\]](#)[\[Printed version\]](#) [\[Pre-print version\]](#)
- 1999 **"Reply to Boyd,"** Philosophical Studies 95, 1999, 99-102 [\[Pre-print version\]](#)[\[Printed version\]](#) [\[Pre-print version\]](#)
- 2000 **"Reading Mother Nature's Mind,"** in Dennett's Philosophy: a Comprehensive Assessment, D. Ross, A. Brook and D. Thompson, eds., 2000 (Cambridge MA: MIT Press/Bradford), pp. 55-75.[\[Pre-print version\]](#)[\[Pre-print version 2\]](#)[\[Printed version\]](#) [\[Pre-print version\]](#)
- 2000 **"Naturalizing Intentionality,"** in Philosophy of Mind, Proceedings of the Twentieth World Congress of Philosophy Volume 9, Bernard Elevitch, Editor, Philosophy Documentation Center, 2000, pp.83-90.
Reprinted in A Companion to Naturalism, Juliano Do Carmo ed. (Pelotas, Brazil: Dissertatio Filosofia) 211-216 [\[Pre-print version\]](#)[\[Pre-print version 2\]](#)[\[Printed version\]](#) [\[Pre-print version\]](#)
- 2001 **"The Language-Thought Partnership: A Bird's Eye View",** in Hans Johan Glock, ed.Language and Communication 21 (2001) pp 157-166.
Estonian Translation, "Keele ja mõtlemise partnerlus: Vaade linnulennult." In Akadeemia 2003: 1696-1710 [\[Pre-print version\]](#)[\[Printed version\]](#) [\[Pre-print version\]](#)
- 2001 **"What has Natural Information to do with Intentional Representation"** in Denis Walsh, ed., Naturalism. Evolution and Mind, Cambridge: Cambridge University Press 2001, 105-125. [\[Pre-print version\]](#)[\[Printed version\]](#) [\[Pre-print version\]](#)

- 2001** **"Cutting Philosophy of Language Down to Size".** In Philosophy at the New Millennium, Royal Institute of Philosophy Supplementary Series, A. O'Hear ed., Cambridge University Press 2001, pp. 125-140
German translation "Wie man die Sprachphilosophie zurechtstutzt." In Biosemantik. Sprachphilosophische Aufsätze, Alex Burri tr., Surkamp Verlag, 2012. [[Pre-print version](#)][[Printed version](#)]
- 2001** **"The Myth of Mental Indexicals,"** a revised version of "The Myth of the Essential Indexical," in Andrew Brook and Richard DeVidi eds., Self-Reference and Self-Awareness. Advances in Consciousness Research Volume 11, John Benjamins 2001, 163-177. [[Pre-print version](#)][[Printed version](#)]
- 2001** **"Purposes and Cross-purposes: On the Evolution of Language and Languages,"** The Monist 84.3 (July 2001) (Special issue The Epidemiology of Ideas, ed. Dan Sperber) 392-416.
Reprinted in The Epidemiology of Ideas, ed. Dan Sperber (Open Court, 2003) [[Pre-print version](#)][[Printed version](#)]
- 2003** **"In Defense of Public Language,"** in L. Antony and N. Hornstein eds., Chomsky and His Critics (Oxford: Blackwell) 2003, 215-237.
Spanish translation "Em Defesa da Linguagem Pública" (Revisão Técnica: Sofia Stein), an open access article distributed under the terms of the Creative Commons Attribution 4.0 International (CC BY 4.0) [[Pre-print version](#)][[Printed version](#)]
- 2002** **"Biofunctions: Two Paradigms"** in R. Cummins, A. Ariew and M. Perlman, eds., Functions: New Readings in the Philosophy of Psychology and Biology, Oxford University Press (2002): 113-143.
Polish translation, "Biofunkcje: Dwa paradygmaty" by Marcin Milkowski in "Przegląd Filozoficzno-Literacki" (Philosophical/Literary Review) vol. 30, no. 2, 2011, pp. 107-143 [[Pre-print version](#)] [[Pre-print version 2](#)] [[Printed version](#)]
- 2003** **"Teleological Theories of Mental Content,"** Encyclopedia of Cognitive Science, Vol. 11; Macmillan 2003, pp. 1138-1141. [[Pre-print version](#)][[Printed version](#)]
- 2003** **"Vom Aueglichen Siegeszug der Gene und der Meme" ["On the Rumored Takeover by the Genes and The Memes"]**, for the lecture series "Wissenkultur und gesellschaftlichen Wandel" at Wolfgang Goethe University, Hajo Greif tr., Suhrkamp Verlag 2003 pp. 90-111, [[Pre-print version](#)]
- 2004** **"On reading Signs: Some Differences between Us and The Others"** In Eds. Kim Oller, Kim Plunkett and Ulrike Griebel, The Evolution of Communication Systems: a Comparative Approach (Cambridge MA: The MIT Press) 2004, pp. 15-29 [[Pre-print version](#)] [[Printed version](#)]
- 2005** **"Some Reflections on the Theory Theory - Simulation Theory Debate"** [[Pre-print version](#)]

In Susan Hurley and Nick Chater eds., Perspectives on Imitation: From Mirror Neurons to Memes, Vol II, (The MIT Press) 2005, pp.182-188.
[\[Pre-print version\]](#)[\[Printed version\]](#)

2004 **"Existence Proof for a Viable Externalism"**. In Current Issues in Theoretical Philosophy II: The Externalist Challenge. New Studies on Cognition and Intentionality, Richard Schantz ed., (Berlin & New York: de Gruyter 2004) 227-238.[\[Pre-print version\]](#)[\[Printed version\]](#)

2005 **"The Son and the Daughter; On Sellars, Brandom and Millikan,"** Pragmatics and Cognition, 13.1, 2005.[\[Pre-print version\]](#)[\[Printed version\]](#)

2006 **"Styles of Rationality."** In Rationality in Animals, M. Nudds and S. Hurley eds. (Oxford: Oxford University Press 2006) 117-126.[\[Pre-print version\]](#)[\[Printed version\]](#)

2005 **"Why (Most) Kinds are not Classes."** In Henri Cohen and Claire Lefebvre eds., Handbook of Categorization in Cognitive Science (Elsevier 2005) pp. 305-316.
http://www.elsevier.com/wps/find/bookdescription.cws_home/705263/description

Spanish translation, "Por qué (la mayoría de) los conceptos nos son categorías?" In Juan Gonzalez, editor and translator, Perspectivas contemporáneas sobre la cognición: percepción, categorización y conceptualización (Mexico: Siglo XXI) 2005.

Italian translation "I concetti di sostanza." In E. Lalumera, editor and translator, Concetti. letture Scelte (Turin: Bollati Boringhieri) 2008[\[Printed version\]](#)[\[Reprint\]](#)

2006 **"Useless Content"** In G. Macdonald and D. Papineau eds. Teleosemantics (Oxford: Oxford University Press) 2006.[\[Pre-print version\]](#)[\[Printed version\]](#)

2006 **Precis of Language: A Biological Model and Replies to Reviewers**, for SWIF Philosophy of Mind Review Vol.5 No.2, 2006, <http://www.swif.uniba.it/lei/mind/swifpmr.htm>

2007 **Précis of Varieties of Meaning; The Jean Nicod Lectures 2002" and responses to reviews** by Bermúdez, Recanati, Rosenberg and Taylor, Philosophy and Phenomenological Research, Vol 75, No. 3, November 2007.[\[Printed version\]](#)

2007 **"An Input Condition for Teleosemantics Reply to Shea (and Godfrey-Smith)"** Philosophy and Phenomenological Research Vol. 75, No. 2, 2007: 436-455.[\[Pre-print version\]](#)[\[Print version\]](#)

2009 **"Embedded Rationality"** Cambridge Handbook of Situated Cognition, Murat Aydede and Philip Robbins eds., Cambridge University Press 2009:171-181 [\[Pre-print version\]](#)

Reprinted in V. Spiridonov ed., Cognitive Psychology, Lomonosov Press (Moscow) 2010.

German translation, 'Die eingebettete Vernunft' Marcus Wild (Tr.) in Deutsche Zeitschrift für Philosophie 59/4 (2011), pp. x-y [[Pre-print version](#)][[Print version](#)] [[Pre-print German version](#)] [[Pre-print version](#)]

2008 **"A Difference of Some Consequence between Conventions and Rules"** In Convention: an Interdisciplinary Study, Luca Tummolini ed., Topoi (Sept 2008) 27:87-99 [[Pre-print version](#)]

German translation "Ein gewichtiger Unterschied zwischen Konventionen und Regeln." In Biosemantik. Sprachphilosophische Aufsätze, Alex Burri tr., Surkamp Verlag, 2012. [[Pre-print version](#)][[Print version](#)]

2008 **"Biosemantics"** [not the same as the 1989 J. Phil. article listed above] for The Oxford Handbook in the Philosophy of Mind, Brian McLaughlin, editor, Oxford: Oxford University Press 2008, 394-406. [[Pre-print version](#)][[Print version](#)] [[Pre-print version](#)]

2008 **"On Meaning, Meaning, Meaning and Meaning"** In Current Issues in Theoretical Philosophy III: Prospects for Meaning, Richard Schantz ed., Berlin & New York: de Gruyter, 2012. [[Pre-print version](#)]

Preprinted in Review of Contemporary Philosophy, 7, 2008 (August)

Italian translation, "Concezioni". In E. Lalumera, editor and translator, Concetti. letture Scelte (Turin: Bollati Boringhieri) 2008.

German translation "Über Bedeutung, Bedeutung und Bedeutung." In Biosemantik. Sprachphilosophische Aufsätze, Alex Burri tr., Surkamp Verlag, forthcoming 2012. [[Pre-print version](#)][[Printed version](#)]

2010 **"On Knowing the Meaning; With a coda on Swampman"** Mind 119, No. 473, Jan 2010, 43-81. [[Pre-print version](#)]

German translation "Kenntnis der Bedeutung. Mit einem Ausklang zum Sumpfmännchen." In Biosemantik. Sprachphilosophische Aufsätze, Alex Burri tr., Surkamp Verlag, 2012. [[Pre-print version](#)][[Printed version](#)]

2011 **"Loosing the Word-Concept Tie,"** Proceedings of the Aristotelian Society, Supplementary Volume 85, 2011, pp. 125-143. [[Pre-print version](#)][[Print version](#)] [[Pre-print version](#)]

2011 **"Schwerpunkt"** in the "Deutsche Zeitschrift für Philosophie" 2011 (Four articles on Millikan's work including a reply by Millikan.) [[Printed version](#)]

2010 **"Gedacht wird in der Welt, nicht im Kopf."** Interview von Markus Wild (Berlin) und Martin Lenz (Berlin), Deutsche Zeitschrift für Philosophie, December 2010. [[Online](#)] [[PDF](#)]

2012 **"Natural Signs"**, In Computability in Europe 2012, Lecture Notes in Computer Science, Eds. S. Barry Cooper, Anuj Dawar, Benedikt Loewe,

	Springer 2012, 496-506. [Printed version]	
2012	"Accidents." the John Dewey lecture for the Central Division American Philosophical Association 2012, <u>Proceedings and Addresses of the APA</u> , November 2012, 92-103. [Pre-print version][Printed version]	[Pre-print version]
2012	"Spracherwerb." In <u>Biosemantik. Sprachphilosophische Aufsätze</u> , Alex Burri tr., Surkamp Verlag, 2012, pp. 85-115. [Pre-print version]	[Pre-print version]
2012	"What's Inside a Thinking Animal" XXII. Deutscher Kongress für Philosophie, <u>Proceedings Welt der Gründe</u> , Kolloquium 19, "Do animals live in the space of reason; Action and decision in non-human animals" @ 2012, pp. 889-893 [Pre-print version][Printed version]	[Pre-print version]
2013	"Natural information, intentional signs and animal communication" In <u>Animal Communication Theory: Information and Influence</u> , Ulric Stegmann ed., Cambridge University Press 2013, pp. 133-148. [Printed version] [Pre-Print Version]	[Pre-print version]
2012	"Are There Mental Indexicals and Demonstratives?" @ In <u>Philosophical Perspectives 26. Philosophy of Mind</u> , J. Hawthorne and J. Turner eds, Blackwells 2012, 217-234. [Pre-print version] [Printed version]	[Pre-print version]
2014	"The Tangle of Natural Purposes that is Us." In Bana Bashour and Hans Muller eds., <u>Contemporary Philosophical Naturalism and Its Implications</u> , Routledge 2014, 63-76. [Printed version]	
2013	"Teleosemantics" , <u>Encyclopedia of Philosophy and the Social Sciences</u> , Byron Kaldis ed., Sage Publications, 2013. ISBN: 9781506332611 [Pre-print version] [Printed version]	[Pre-print version]
2014	"An Epistemology for Phenomenology?" In Richard Brown ed., <u>Consciousness Inside and Out: Phenomenology, Neuroscience, and the Nature of Experience</u> , Springer's series <i>Studies in Brain and Mind</i> , 2014, pp. 13-26. [Pre-print version][Printed version]	[Pre-print version]
2014	"Deflating Socially Constituted Objects, What Thoughts do to the World" In M. Gallotti and J. Michael, eds., <u>Perspectives on Social Ontology and Social Cognition</u> , <i>Studies in the Philosophy of Sociality</i> 4, Springer 2014, 27-40. . [Pre-print version][Printed version]	[Pre-print version]
2016	"Confessions of a Renegade Daughter." In James Shea, ed., <u>Sellars and His Legacy</u> , Oxford University Press 2016 [Printed version] [Pre-print version]	[Pre-print version]
2018	"Biosemantics and Words that Don't Represent" , <i>Theoria</i> 84.3 2018: 229-241. [Printed version] [Preprint version]	[Pre-print version]

2020	"Embedding Language Understanding in the World." In James Jenone and co-editors, <u>Singular Thought and Mental Files</u> , Oxford University Press 2020, Pages 251–264, (2020) [Printed version] [Pre-print version]	[Pre-print version]
2021	"Neuroscience and Teleosemantics," <i>Synthese</i> 199 , 2457–2465 (2021) DOI 10.1007/s11229-020-02893-9, [Printed version] [Pre-print version]	[Pre-print version]
2021	"On Truth. " In <u>The Nature of Truth: Classic and Contemporary Perspectives 2nd Edition</u> . EDs. Michael P. Lynch, Jeremy Wyatt, Junyeol Kim and Nathan Kellen (2021). Cambridge, Massachusetts: MIT Press. [Print version] [Pre-print version]	[Pre-print version]
2022	"Self-signs and Intensional contexts" , <i>Mind and Language</i> 38 (4):962-980. [Pre-print version] [Print version]	[Pre-print version]
2023	"Teleosemantics and the Frogs," <i>Mind and Language</i> 2023 1-9 DOI:10.1111/mila.12456, Volume39, Issue1, February 2024, Pages 52-60 [Printed version] [Pre-print version]	[Pre-print version]
2024	"Rescuing Proper Functions," <i>Australasian Philosophical Review</i> 6. 2024: [Preprint version]	[Pre-print version]
Forth-coming	"Thoughts of Real Kinds" for <u>The Oxford Handbook of Philosophy of Psychology</u> , Jesse Prinz, editor [seems to be stalled]. [Pre-print version]	[Pre-print version]
2022	"40,000 Words in 14 Years" Sanders lecture delivered at the one hundred nineteenth Central Division meeting of the American Philosophical Association on February 24, 2022 [Pre-print version]	[Pre-print version]
	"Mental Representations (also Intensionality) Made Simple" [Preprint version]	[Pre-print version]
2024	"A Neglected Dimension of Language" In <u>William Lycan On Mind, Meaning, and Method</u> (pp.191-217), 2024. Jan Mitchel & Mitch Green eds.	[Pre-print version]

Commentaries and Reviews:

- 1983 **"Dennett's Rational Animals: How Behaviorism Overlooked Them",**
The Behavioral and Brain Sciences (September 1983) pp. 372-373
- 1986 **"Of What Use Categories?"** The Behavioral and Brain Sciences 9.4
(1986) pp. 163-4 Behavioral and Brain Sciences, Volume 9 , Issue 4 ,
December 1986 , pp. 663 - 664
[\[Printed version\]](#)
- 1987 **Review of Christopher Hookway's, "Minds, Machines, and Evolution",**
Nous (June 1987) pp. 95-98 [\[Printed version\]](#)
- 1987 **"What Peter Thinks When he Hears Mary Speak",** Behavioral and Brain
Sciences 10:4 (1987) pp. 725-726 [\[Printed version\]](#)
- 1990 **"Seismograph Readings for Explaining Behavior"** (critical review of
Dretske's Explaining Behavior) Philosophy and Phenomenological
Research 50.4 (1990) pp. 807-812 [\[Printed version\]](#)
- 1990 **"Clarifications on Language, Thought and Other Biological**
Categories," Annals of Scholarship 7 (1990) pp. 147-9
- 1997 **"Troubles with Wagner's Reading of Millikan,"** Philosophical Studies, [\[Pre-print version\]](#)
April 1997, pp. 1- 5. [\[Printed version\]](#) [\[Pre-print version\]](#)
- 1992 **Review of Robert Cummins Meaning and Mental Representation,**
The Philosophical Review 101.2:422-5 (1992) [\[Printed version\]](#)
- 1992 **Review of Jerry Fodor A Theory of Content,** The Philosophical Review
101.4 (1992): pp. 898-901. [\[Printed version\]](#)
- 1998 **Review of Peter Godfrey-Smith Complexity and the Function of**
Mind in Nature, in Philosophy of Science 65.2:375-7 (Jun 1998).
[\[Printed version\]](#)
- 1999 **"Response to Boy'd Commentary"** Philosophical Studies 95:1-2 (1999)
pp. 99-102. [\[Printed version\]](#)
- 1999 **"On Sympathies with J.J. Gibson, and on Focusing Reference"** replies
to Treffner and Saidel, Behavioral and Brain Sciences 22.4, August 1999,
pp. 732-33. [\[Printed version\]](#)
- 2001 **"A Theory of Representation to Complement TEC**
Behavioral and Brain Sciences, Volume 24, Issue 5, October 2001 , pp.
894 - 895
[\[Printed version\]](#)
- 2010 **"It's Likely Misbelief Never has a Function," Comment on McKay and**

Dennett's "Misbelief", Behavioral and Brain Sciences, 119, No. 473, Jan 2010. 43-81. Behavioral and Brain Sciences, Volume 32, Issue 6, December 2009, pp. 529 – 530
DOI: <https://doi.org/10.1017/S0140525X09991300> [[Printed version](#)]

2013 **"Troubles With Plantinga's Reading of Millikan"**, Philosophy and Phenomenological Research Vol. 87, No. 2 (SEPTEMBER, 2013), pp. 454-456 [[Printed version](#)]

2021 **"Comment on the Relation between Representation and Information"**, Biosemiotics 14, 581–582 (2021). <https://doi.org/10.1007/s12304-021-09468-2> [[Print version](#)] [Preprint version]

2023 **Comment on Artiga's "Teleosemantics and Pushmi Pullyu Representations"**, Erkenn 88, 409–417 (2023). <https://doi.org/10.1007/s10670-020-00354-w> [[Printed version](#)] [[Preprint version](#)] [[Pre-print version](#)]

Honors:

"Metaphysical Anti-Realism?" chosen for inclusion in The Philosophers Annual as one of the "ten best [philosophical] papers published in 1986."

The Gareth Evans Memorial Lecture, Oxford University, 1991

The Patrick Romanell Lecture for the American Philosophical Association, 1997 Fellow, Center For Advanced Study in the Behavioral Sciences, Stanford, 1991-1992.

James B. and Grace J. Nelson Philosopher-in-Residence, University of Michigan, September 14-19, 1992.

"Ruth Millikan: Biological Functionalism," Conference, Madrid, Instituto de Filosofía, Jun 16-18 1994, funded by the Spanish Government.

"Ruth Millikan Conferentie", funded by the Dutch Government, Nijmegen, November 3-4 1994. President, (American) Society for Philosophy and Psychology, 1992-3.

Alumni Association Faculty Excellence in Research Award (University of Connecticut, 1997).

First Annual AAUP Award for Excellence in Research (University of Connecticut, 1997) First Annual Chancellor's Award for Excellence in Research (University of Connecticut, 1998)

University of Connecticut Alumni Association Distinguished Professor for 2000-2003. Jean Nicod

Prize from Centre National de la Recherche Scientifique of France, and the

Jean Nicod Lecurer, 2002.

Distinguished Woman in Philosophy award, Society for Women in Philosophy, 2006 John

Dewie Lecture, for the American Philosophical Association, 2012.

Fellow, American Academy of Arts and Sciences 2014 Nicholas

Rescher Medal for Systematic Philosophy 2017 Rolf Schock

Prize for Logic and Philosophy 2017

Wilbur Cross Prize, Yale Graduate School Alumni Association, 2019

Service to the Profession:

Executive Committee, American Philosophical Association Eastern Division, 1995-1998
President, Society for Philosophy and Psychology 1992-3.
Program committee, American Philosophical Association Eastern Division, 1985 Executive Committee, Society for Philosophy and Psychology 1987-90, 1992 Nominating Committee, Amer. Phil. Assoc. Eastern Division 1990-92.
Advisory Committee to the Program Committee, Amer. Phil. Assoc., Eastern Division, 1988-1992

APPENDIX

Invited Lectures:

Defense of Language, Thought, and Other Biological Categories. The Boston Cognitive Science Seminar, 5 evenings, Fall, 1984.
"Naturalist Knowledge", Society for Iberian and Latin American Thought, Feb. 1984. "Back Before Aardvark", Society for Philosophy and Psychology, May 1985.
"Direct Realism With Mental Representations", International Society for Ecological Psychology, October 1985.
Commentary on Cecelia Heyes "Intentional Explorations in Cognitive Ethology", Society for Philosophy and Psychology, May 1986.
"Truth Rules, Hoverflies, and the Kripke-Wittgenstein Paradox" (various versions): colloquia at U. of Western Michigan, September 17, 1986; Univ. of Wisconsin Madison, September 19, 1986; Univ. of Maryland, November 19, 1986; Trinity College, Feb. 25, 1987; Univ. of York, March 17, 1987; Monash U. Australia, July 10, 1987, Australian National University, July 17, 1987; University of New England, Australia, July 29, 1987, Vanderbilt University, April 8, 1988.
"In Defense of Proper Functions": Colloquium American Philosophical Association, Pacific Division, March 26, 1987 (invited paper); Dartmouth College, Jan. 16, 1987; Johns Hopkins University, Feb. 10, 1987.
"What is Behavior?" (various versions): colloquium at Bio-behavioral Sciences Department, University of Connecticut, Nov. 7, 1986; Cognitive Science group, University of Toronto, March 16, 1987; University of Rhode Island, March 23, 1987 (a University Lecture); Vassar College, April 24, 1987; LaTrobe University Australia, July 8, 1987; Western Australia Society for the History and Philosophy of Science, Perth, Australia, July 14, 1987; Research School of Social Sciences, Australia National University, Canberra, Australia, July 16, 1987; Russellian Society, University of Sydney, Australia, July 22, 1987; Department of History and Philosophy of Science, Kings College, University of London, Feb 6, 1991; University of Lund, Sweden, May 3, 1991.
"Biosemantics" (various versions): colloquium at Sydney University, Australia, July 20, 1987; Philosophy and Linguistics Department, MIT, Sept. 11, 1987; Chapel Hill Colloquium, University of North Carolina, Oct. 24-26, 1987; Rutgers University Newark, February 1, 1988, Alberta Philosophy Conference, Canada, April 17, 1988 (keynote speaker); Symposium, Society for Philosophy and Psychology, May 21, 1988; Vanderbilt University, April 7, 1988.
"White Queen Psychology" (versions of various portions): University of Southern California, Dec. 2, 1988; Task Force on Propositional Attitudes, Amherst group, Jan. 20, 1989; University of Cincinnati, Colloquium on Language and Mind, March 3-5, 1990
Commentary, American Philosophical Association, Pacific Division, March 1988. "Purposive Behavior", Symposium on Anthropomorphism and Anecdotalism in the

- Description of Animal Behavior, Meetings of the Animal Behavior Society of America, June 11-17, 1989
- "On Following Rules", Cognitive Science Society of America, Ann Arbor Michigan, Aug 18, 1989
- "Myth of the Essential Indexical" (various versions): Conference at Wesleyan University, March 31-April 1, 1989; Society for Philosophy and Psychology, April 13-16, 1989, Princeton Philosophy Department, October 1989, Yale Philosophy Department, April 1990.
- "Speaking Up For Darwin" (various versions): University of Vermont, Philosophy Department and Cognitive Science group, Feb 9, 1990; SUNY at Albany, April 2, 1990; Society for Philosophy and Psychology, June 8, 1990.
- Workshop on Millikan's work relevant to evolutionary epistemology, Lehigh University, Sept 24, 1990.
- "Reasons and Causes; Explanation in Biospsychology" (various versions): Lehigh University, Sept 24, 1990; New York University, Oct 12 1990, University of Durham, Jan 31, 1991; Trinity College, University of Dublin, March 5, 1991, Belgisch Genootschap voor Logica en Wetenschapsfilosofie (Soc. Belge de Logique et de Philosophie des Sciences) April 27, 1991, University of Sussex, Jun 25, 1991; Centre de Recherche en Epistemologie Applique, Ecole Polytechnique, Paris, June 28, 1991, University of Copenhagen, April 8, 1991; Distinguished Visitors' Programme, Center for Philosophical Studies, Kings College, University of London, May 16, 1991; guest lecture, inaugural meeting of the European Society for Philosophy and Psychology, University of Durham, July 15, 1991; University of Montreal, Sept 12, 1991.
- "Perceptual Content", Workshop on Spatial Perception, King's College Research Center, Kings College Cambridge, March 3, 1991.
- "Perceptual Content and the Fregean Myth" (various versions), Centre de Recherche en Epistemologie Applique, Ecole Polytechnique, Paris, June 29, 1991; Gareth Evans Memorial Lecture, University of Oxford, April 23, 1991; University of Lund, Sweden, May 2, 1991; University of Gothenberg, Sweden, May 6, 1991; Distinguished Visitors' Programme, Center for Philosophical Studies, Kings College, University of London, May 23, 1991.
- Workshop on Millikan's Work in Philosophy of Psychology, University of Montreal, Sept 13, 1991.
- "Knowing What I am Thinking of" (various versions): University of Quebec at Montreal, Sept 13, 1991; Stanford University Philosophy Department, Feb. 21, 1992; University of California at Hayward, May 28, 1992, Cornell University, Oct 19, 1992, University of Pennsylvania, February 26, 1993, Joint session of the Aristotelian Society and Mind Association, Birmingham England, July 11, 1993.
- "Psychology as a Biological Science": Center For Advanced Study in the Behavioral Sciences, Stanford, Oct 2 1991; Symbolic Systems Forum, Stanford University, Oct 10 1991; Stanford Psychology Department Colloquium Series, Nov. 13 1991, University of Western Washington Spring Colloquium, March 7-8, 1992, University of California at Davis, March 4, 1992, Cognitive Science Colloquium, University of California at Berkeley, May 1, 1992; University of Michigan, Sept 15, 1992; Brown University, Oct 5, 1992; Cognitive Science lecture, Cornell University, Oct. 20, 1992, special Joint Psychology-Philosophy plenary session paper for the Southern Society for Philosophy and Psychology, New Orleans, April 10, 1993.
- "What are Thoughts Like?" University of Houston, April 4, 1992.
- "On Mental Orthography", UCLA Philosophy Department, April 10, 1992
- "Naturalistic Approaches to Intentionality", Symposium on Naturalistic and Unnaturalistic Theories of Intentionality, Society for Philosophy and Psychology, Montreal, Jun 7, 1992
- Seminar on Millikan's work in philosophy of language, University of Michigan Philosophy department, Sept 16, 1992

Seminar on Millikan's work on mental representation, University of Michigan Philosophy department, Sept 18, 1992

"Propensities, Exaptations, and The Brain" (various versions), Tufts University, Oct 30, 1992; University of Colorado at Boulder, January 25, 1993; Cognitive Science Lecture, University of Pennsylvania, February 26, 1993

Commentary on McKinsey, "Curing Folk Psychology of Arthritis" American Philosophical Association Eastern Division, Dec 30, 1992

"Synthetic Concepts," (various versions) Presidential Address, Society for Philosophy and Psychology, VanCouver Canada, Jun 3, 1993; Euorpean Society for Philosophy and Psychology, Sheffield University, England, July 4, 1993; Catholic University of Lublin Poland, Dec. 6 1993; Child development group, University of Connecticut, March 14, 1994; Carleton College Cognitive Science Program Visiting lecture, April 23, 1994; Millikan Conference, Madrid Spain, June 16, 1994; Philosophy Graduate students annual speaker, Indiana University, Bloomington, September 30, 1994; West Virginia University, Morgantown, Oct 6, 1994; Ruth Millikan Conferentie, Dutch-Flemmish Research School, Nijmegen Netherlands Nov 3, 1994; Lehigh University Cog Sci, Nov 17, 1994; Vassar College Dec 1, 1994; University Lecturer, University of Wisconsin, February 17, 1995; Ohio State University, March 3, 1995; University of Nebraska, March 17, 1995; University of Western Michigan, March 24, 1995; University of Northern Illinois, April 7, 1995; Conference on Methods, New York, May 6, 1995; Undergraduate Philosophy Club, Kings College London, May 23, 1995; Cognitive Sciences Lecture, University of Southampton, May 22, 1995; Philosophy Dept., University of Keele, May 25, 1995; Philosophy Dept. University of Edinburgh, Jun 2, 1995

NEH Summer Institute, two lectures for the theme "The Nature of Meaning", Rutgers University, July 26-31, 1993

"Man and Nature", invited plenary session lecture, 19th International Congress of Philosophy, Moscow, Aug. 26, 1993

"On Determinacy in Biosemantics", German Research Foundation (DFG) Conference on "Naturalistic Approaches to Representation and Meaning", Bielefeld, Germany, Dec 1-3 1993

"New problems in indicator semantics", Roanoke Va. March 20, 1994; Conference on Cognitive science and ethics, Washington University St. Louis, April 9, 1994; (American) Society for Philosophy and Psychology, Memphis Tennessee, Jun 2, 1994; Millikan Conference, Madrid Spain, June 17, 1994; European Society for Philosophy and Psychology, Cite Universite Paris, Sept 2, 1994; Ruth Millikan Conferentie, Dutch-Flemmish Research School, Nijmegen Netherlands, Nov 4 1994; Northwestern University, April 6, 1995.

"Proper Function and Convention in Speech Acts", University of Missouri in St. Louis, April 11, 1994;

Two days of Seminars on the Millikan corpus for graduate students and faculty working in philosophy of science at the various Dutch universities supported by the Netherlamds gov't, University of Nijmegen, Nov 1-2, 1994

"Images of Identity" (portions): Millikan Conference, Madrid Spain June 18, 1994; William Lowell Brian Speaker in Cognitive Science, Indiana University, Bloomington, Sept 29, 1994; University of Bradford, May 24, 1995; European Society for Philosophy and Psychology, University of Barcelona, July 9 1996; XVII Deutscher Kongress für Philosophie [17th German Congress of Philosophy], (Cognitio humana - Dynamik des Wissens und der Werte) Sept. 24, 1996 ("Images der Identität"); Down East Conference, East Carolina State University, Nov. 9 1996; University of Massachusetts, Dec 6, 1996; University of Miami, Jan 24, 1997; Society for Philosophy and Psychology, June 7, 1997.

"Cognitive Luck: Externalism in an Evolutionary Frame," Pittsburgh-Konstanz Colloquium

- in the Philosophy of Science, Konstanz University, May 17, 1995; Philosophy Dept. University of Glasgow, May 31, 1995; Philosophy Dept. University of Stirling, June 1, 1995.
- "More Mama, More Milk, More Mouse," Cognitive Science Program Queens University Canada Oct 5, 1995; Philosophy Department Trinity University Hartford Oct 19, 1995; Philosophy Department Harvard University, Nov. 16, 1995; Philosophy Department Yale University Feb. 9 1996, Texas A&M Animal Behavior Group, Feb 28, 1997, SUNY Buffalo, Cognitive Science Center, March 12, 1997.
- Blackboard Talk on Representations, University of Western Michigan, March 14 1996; Department of Philosophy and Committee on the Foundations of Science, Committee on the Conceptual Foundations of Science, University of Chicago, April 5 1996; Bowling Green State University, Nov 15, 1996, Philosophy Department, Texas A&M, Feb 27, 1997, Stockholm University, Practical and Theoretical Seminars combined, February 5, 1998; Philosophy Department University of Hertfordshire, March 5, 1998; Philosophy Department, Göteborg, April 6, 1998; Münster University, April 15, 1998; Johann Wolfgang Goethe- Universität, Frankfurt am main, October 25, 2001; keynote address, Pittsburgh- Carnegie-Mellon graduate student conference, March 15, 2003; Italian Society for Analytic Philosophy, Vietri Italy, October 2, 2003;
- "Concepts of Aristotelian Substances", Metaphysical Society of America, New York, Dec 29, 1996.
- Symposium on the Tenure Process for Women, American Philosophical Association Committee on Women, New York, Dec 28 1996.
- "The Conventions of Language Made Simple" (in various forms):University of Michigan Philosophy Department April 19, 1996; University of Miami, Jan 23, 1997; University of Florida, Jan 27, 1997; Stockholm Faculty Seminar on Philosophy of Language, Feb 6, 1998; Upsala University, Feb 10, 1998; Symposium on Pragmatics, University College London, March 6 1998;.Centre de Recherche en Epistemologie Applique, Ecole Polytechnique, Paris, March 12, 1998;
- "On Swampkinds" Society for Philosophy and Psychology, San Francisco May 31 1996. "The Mind in its Ecological Niche, its Language Community": York University, Oct. 26, 1996; The Society for Machines and Mentality (APA Atlanta) Dec. 28, 1996.
- "In Defense of Public Language," Philosophy Department, SUNY Buffalo, April 17, 1997;
- "Historical Kinds and the Special Sciences," Oberlin Colloquium, April 5, 1997; Philosophy Department, University of Groningen, Netherlands, May 29, 1997; Philosophy Department, University of Hertfordshire, March 5, 1998; The Dutch Research School of Philosophy Conference on Reductionism, Oisterwijk, May 12- 13, 1998;
- [\[Pre-print version\]](#)[\[Printed version\]](#)
- "A More Plausible Kind of Recognitional Concept," a commentary on Jerry Fodor's "Why there are no recognitional concepts; not even red", SOPHIA conference on Concepts, Barcelona, June 3, 1997
- Some Different Ways to Think," Conference on Animal Minds, University of Bremen, Sept 20, 1997; Philosophy Department, University of Stirling, March 9, 1998;
- "How we Make Our Ideas Clear," The Tenth Romanell Lecture on Philosophical Naturalism for the American Philosophical Association, December 30 1997; Philosophy Department Kings College London University, March 4 1998; University of Stirling, "Consciousness in the Natural World" series, March 10, 1998; Stockholm Logic and Language seminar, March 26, 1998; Philosophy Department Maribor University, March 16, 1998; Hamburg University, April 14, 1998; University of Bonn, April 17, 1998; Catholic University of Lublin, April 20, 1998; University of Helsinki, May 7, 1998; Danish Society for Philosophy and Psychology: Content and Concepts Conference, May 15-16, 1998;
- "Another Way to Understand Meaning as Use," for Gemensamt möt i projektet Mening och Tolkning (interdisciplinary inter-university workshop on meaning and use) Stockholm

University, Feb 12, 1998.

"The Language-Thought Partnership, "Cultural Tools and the Brain" lecture series, interdisciplinary group at University College London, March 4, 1998; University of Bonn, April 16, 1998; University of Turku, May 4, 1998; University of Lund, May 18, 1998; Logic and Language Seminar, University of Stockholm, May 29, 1998; The Austin-Hemple Lecture Series, Dalhousie University, public lecture, November 5, 1998; Cognitive Science Program Lecture, Cornell University, Feb 5, 1999; University of Texas at Arlington, March 11, 1999;

Replies to five papers presented on Millikan's work (roundtable format), University of Maribor, Slovenia, March 14, 1998.

20 hour Graduate Seminar (volunteer) on Philosophy of Psychology for Graduate students from Iceland, Denmark, Norway, and other Swedish universities, March 23-27, 1998.

"Naturalizing Intentionality," World Congress of Philosophy, Boston, August 12, 1998. "Abilities" Princeton University Philosophy Department, Sept 25, 1998; George Washington University at St Louis, Philosophy/Neuroscience/Psychology Program, October 1, 1998; The Austin-Hemple Lecture Series, Dalhousie University Philosophy Department, November 6, 1998; University of Western Ontario, Nov 27, 1998; University of Indiana, Dec 10, 1998; Department of Philosophy, Cornell University, Feb 4, 1999; North Texas Philosophical Association Keynote Address, March 13, 1999; Public Lecture, Rice University, April 8, 1999; European Congress of Analytic Philosophy, invited plenary session lecture, June 30, 1999; CUNY Graduate Center, Feb 14, 2000.

"Reading Mother Nature's Mind," Dennett Conference, Memorial University Newfoundland, Nov 7, 1998.

"Substance Concepts" Philosophy Department University of Rijeka, Croatia, July 6, 1999;

Workshop on Millikan's Work on Concepts and Categories, Rice University Cognitive Science Group, first session April 8, 1999; second session April 9, 1999.

"Why there are no rules of language," Boston Colloquium for the Philosophy of Science, April 27, 1999.

Workshops on Millikan's work on Empirical Concepts, Universita' degli Studi di Bologna, Istituto di Discipline della comunicazione, Bologna, Italia, all day June 24, 25, 26, 28 1999.

"What does Natural Information have to do with Intentional Representation?", Plenary session, Royal Institute of Philosophy Conference on "Naturalism, Evolution and Mind," Edinburgh, July 15, 1999;

"Kantian Reflections on Animal Minds," Chapel Hill Colloquium, Oct 9, 1999; Conference on the Evolution of Mind, Kings College, London, April 15, 2000; Erskine Lecture, Canterbury University NZ, May 29, 2001

"Cutting Philosophy of Language Down to Size," Royal Institute of Philosophy Millennial Series January 14, 2000.

"Classifying and Identifying," Central European University, Budapest, Jan 18, 2000.

"A suggestion about Exaptations," Conference on the Philosophy of Science, Dubrovnik Croatia, April 13, 2000; Erskine Lecture, Canterbury University New Zealand, May 22, 2001, The Center for Cognitive Science, Ohio State University October 5 2001, Queens University Philosophy Department, Kingston Ontario, January 12, 2002.

Three talks for conference "Communication and Cognition: Towards a New Science of Communication," University of Bologna, Jun 29-July1, 2000

Three half day workshops on Millikan's work in Language and Mind, School of Behavioral and Cognitive Neurosciences, Modeling in Cognitive Neurosciences, University of Groningen Medical School, Netherlands, July 4-6, 2000.

"A Different Kind of Natural Information." European Society for Philosophy and Psychology, Opening Lecture, Salzburg Austria, Sept 2, 2000.

Four Seminars for 2nd Symposium on Design and Function, Kobe University, Japan (an interuniversity interdisciplinary study group) Kobe, Japan: "Functions; Simple Proper

Functions in a Variety of Media: Biology, Language, Culture," January 7, 2001; "Complex Proper Functions, Adapted and Derived," January 7, 2001; "Proper Functions Compared to Dispositional Functions, especially, to Cummins Functions and 'Exaptations,'" January 8, 2001; "Proper Functions, Inner Representations, and Artifact Functions," January 8, 2001

Six day course on Millikan on Empirical Concepts University of Iceland, March 14-25, 2000.

"Purposes and Cross-Purposes," University Lecture, University of Iceland, March 16, 2001; University Lecture, University of Akureyri Iceland, March 22, 2001; Vanderbilt University, April 6, 2001; Sciences Prestige Lecture, Canterbury University NZ, May 16, 2001; University of Auckland New Zealand, May 18, 2001, University of Iowa, The E. W. Hall Philosophy Lecture, November 29, 2001, University of Chicago, Dec 10, 2002, Queens University Philosophy Department, Kingston Ontario, January 12, 2002; Wesleyan University Nov 25, 2002; Connecticut College Feb 25 2003; Tamara Horowitz Memorial Lecture, University of Pittsburgh, April 11, 2003; University of Connecticut Humanities Center, Oct 28, 2003.

"Essential Indeterminacies Between Semantics and Pragmatics," Erskine Lecture, Canterbury University New Zealand, June 5, 2001.

"Compositionality and Embedding in Local Natural Signs," Philosophy Colloquium Ohio State University, October 5 2001; Cognitive Science University of Sussex October 16, 2001; University of Iowa Philosophy Department, November 30, 2001

"On Reading Signs: Differences between Us and The Others" Lecture for Workshop on "Evolution of Communication Systems: a Comparative Approach," Konrad Lorenz Institute for Evolution and Cognition Research, Altenberg Austria, October 2001.

"On the Rumored Takeover by the Genes and the Memes" for the Lecture series "Mind and Society as Natural Phenomena" for the research project "Wissenskultur und gesellschaftlicher Wandel," funded by the Deutsche Forschungsgemeinschaft, Johann Wolfgang Goethe-Universität, Frankfurt am main, October 24, 2001, Queens University Philosophy Department, Kingston Ontario, January 14, 2002.

Seminar following the above lecture at Johann Wolfgang Goethe-Universität, October 25, 2001.

Four hour blackboard talk and seminar on "Intentional Representations" for the Institut für Philosophie, Johann Wolfgang Goethe-Universität, Frankfurt am main, October 23, 2001

Half day Seminar on On Clear and Confused Ideas for the NYU-CUNY Graduate Center Mind and Language Seminar, March 19, 2002

Replies to three critics at the "Author Meets Critics" session on my On Clear and Confused Ideas, American Philosophical Association Pacific division, March 28, 2002.

Commentary on Alvin Goldman's "Imitation, Simulation and Mindreading," Royamount Abbey Conference on Imitation, May 25, 2002.

The Jean-Nicod Lectures titled Varieties of Meaning, for the Centre National de la Recherche Scientifique, Paris France. June 3, 5, 7, 10, 12, 2002.

"The Cake Under the Icing of Teleological Theories of Content," keynote address for the international conference "Intentionality," University of Miskolc, Hungary, Jun 21- 23, 2002.

"Styles of Rationality" for the international conference Rational Animals, University of Oxford, October 4, 2002.

"A Biological Theory of Substance Concepts," Lecture for the Summer School in Cognitive Sciences, Institute of Cognitive Sciences, l'Université du Québec à Montréal, July 2003; University of Mexico, May 26, 2003;.

Workshop on my On Clear and Confused Ideas for the three year project "Categorization", Universidad Autónoma del Estado de Morelos, Cuernavaca Mexico, May 20-30 2003.

"Why (Most) Concepts aren't Categories," Institute of Cognitive Sciences Summer School, l'Université du Québec à Montréal, July 1, 2003; keynote lecture for "Concepts, Language and Cognition," University of Pavia, Sept 27, 2003 (conference to mark

publication of the Italian translation of my On Clear and Confused Ideas); University of Genoa Philosophy Department Sept 29, 2003; Columbia University Philosophy Department Nov.6, 2003; Brown University Philosophy Dept. Nov 17, 2003; University of Bucharest, May 29, 2004; The Jacobsen Lecture, University of London, June 2, 2004; for "Meaning/Cognition/Color-A Workshop with Ruth Millikan" Abdijhuis, Heeswijk Netherlands, June 5, 2004; University of Torun Poland, June 9, 2004; University of Frankfurt, June 23, 2004;

"Intentionality (with an 's')" Philosophy conference, East Carolina University, April 3, 2004; Polish Philosophical Association, (University of Warsaw) June 8, 2004;

"Conventions for Coordination" for "Meaning/Cognition/Color-A Workshop with Ruth Millikan" Abdijhuis, Heeswijk Netherlands, June 4, 2004; for the "Workshop on Holistic Epistemology and Theory of Action," University of Leipzig, June 25, 2004;

"Crossing Levels of Purpose" for The Free University (Milton Keynes) Jun 14, 2004; University Lecture, University of Konstanz, June 17, 2004;

"On the Epistemology of Concepts" for the workshop "Concepts, Language and Cognition, University of Konstanz, June 19, 2004; University of Gothenburg, Sept 17, 2004; University of Helsinki, Sept 22, 2004; Duke University, Nov 5, 2004; Vassar College, November 17, 2004;

"How Children Learn Language" Stockholm University.Sept 20, 2004; University of Helsinki. Sept 23, 2004;

"Representations in the Mind" Lecture for the Cadets at Westpoint, March 7, 2005

"A Biological Model for Linguistic Function" for the conference "The concept of function in biology and language," Catania Italy, May 21-23, 2005

"Why Conceptual Analysis doesn't yield A priori Knowledge" for The Jowett Society, Oxford, May 27, 2005.

"How Children Learn Language without having a Theory of Mind" for the conference "Origins of Reference," Barcelona, June 2, 2005.

"Where Meaning is, since not in the Head" University of North Carolina, Sept 2, 2005. "How We Understand Language and How Children Learn it," Mind, Brain, Culture and Consciousness Society, Whitney Humanity's Center Yale University, November 1, 2005

"Defense of the position there is no misperception --But with a twist," Symposium on the Legacy of J.J. Gibson, Boston Colloquium for Phil Science, January 30, 2006

"Let me count the ways to tell a weasel: On extensional meanings and nature's clumps," MIT Philosophy Department, March 17 2006; The Jack Smart Lecture, Australian Research School of Social Sciences, Canberra, July 10, 2006; Tel Aviv University, November 6, 2006; Queens University Belfast, Nov. 1, 2007.

"What do Indexicals Have to do with Explaining Behavior?" American Philosophical Association, Pacific Division, March 26, 2006; Keynote Lecture, Australasian Association of Philosophy, July 4, 2006;

"How Children Learn Language Without Having a Representational Theory of Mind," Conference: The role of intention in communication, April 3, 2006; University of Jerusalem, November 8, 2006; Brooklyn College CUNY, March 6, 2007; University of New Hampshire, April 13, 2007,

"Coda on nature's humps and peaks, and the likely irrelevance of Swampman," Australian Research School of Social Sciences, Canberra, July 13, 2006;

The Vital Role of Useless Concepts (and Other People), Danish Society for Philosophy and Psychology, Copenhagen, May 12, 2007

"Nature and its ~~Classification~~—Identification," for conference *Nature and its Classification*, University of Birmingham Oct 13, 2007.

"Learning language without having a theory of mind," various versions and revisions: University of Amsterdam Cognitive Science Colloquium, Oct 19, 2007; Belle von Zuylen Professor Inaugural lecture, Utrecht University, November 16, 2007; Quarterly

Lecture Series of Philosophy and Science, University of California Irvine, March 3, 2008; Carleton College, Nov. 2008; Susan Hurley Memorial Conference, Bristol, March 20, 2009; Society for Philosophy and Psychology plenary session lecture, June 12, 2009; Philosophy Department, University of Vienna, November 5, 2009; Sydney University, Dec 8, 2009; public lecture Ohio University, May 6, 2010; Cedric Evans Lecture, University of Nebraska, Oct 21, 2010; Boston University, November 10, 2010; .

"Linguistic Conventions that Concern Context," Utrecht Institute of Linguistics, October 25th 2007.

"On Knowing the Meaning; with a coda on Swampman," Netherlands National Doctoral Research Seminar in Analytic Philosophy, Oct. 30, 2007.

"Seminar on Evolution and Language," for Brian Skyrms' Social Dynamics Seminar, Tuesday Mar 4, 2008

"Non-conceptual representation in biological systems," Philosophy Department, University of California at Irvine, March 5, 2008

"Conceptual representation in biological systems," Logic and Philosophy of Science Department, University of California at Irvine, March 7, 2008.

Replies to three papers on Millikan, Kline Conference on Millikan, University of Missouri, April 11-12, 2008.

The Difference between conceptual and nonconceptual content" Philosophy Department, Duke University, April 18, 2008.

Questioning Perry's Connection between Indexicals/Demonstratives and Behavior," Perry Conference, University of Madrid, April 22, 2008.

"What is it to understand a reference" Brussels Conference on Utternace Interpretation and Cognitive Models, June 19, 2008; Humboldt-Universität zu Berlin, June 24, 2008.

"Adequate concepts are far more puzzling than empty ones," for Reference and Nonexistence, the 6th Workshop on theories of reference, University of Barcelona, June 19, 2009.

Week-long seminar on Millikan's work, Humboldt-Universität zu Berlin, July 22-25, 2008. "The Tangle of Biological Purposes that is Us," University of Cologne, July 29, 2008; Carleton College, Oct 29, 2008; California State University at Northridge, Feb. 13, 2009; William D. Hamilton Memorial Lecture, University of New England, Portland Maine, April 1, 2009; Sydney University, Dec 9, 2009; Smith College, April 1, 2010, for School of Thought, Graduate Student association of Ontario, University of Western Ontario, March 18, 2011; American University of Beirut, May 13, 2011 (titled as "Biological Purposes, Human Purposes, Crossing Purposes).

The Cologne Summer School in Philosophy (International summer school for faculty and graduate students) on Millikan's work. July 28-Aug 1, 2009.

"From a theory of concepts to a theory of domain restriction in natural language," for Naturalizing Philosophy of Mind and Language; A conference in honor of Ruth Garrett Millikan, University of Connecticut, October 3-4, 2008.

Debate with Ray Jackendoff on the externalism-internalism issue in philosophy of mind, for the Northwestern Cognitive Science Program, Northwestern University, October 23, 2008.

"The evolution of perception and cognition from pushmi-pullyu signs to inner representations," for the research project "Interdisciplinary Anthropology," sponsored by the German Ministry of Education and Research, Friedrich Schiller University, Jena, Dec 5, 2008.

"A General theory of concepts (both animals and humans)," August 10, 2009; "How concepts are learned (both animals and humans)" August 12, 2009, National Swedish Research School for Cognitive Science (SweCog) summer school in Cognitive Science, Mullsjö, Sweden.

"Finally implementing the eviction notices; Throwing meaning out of the head," Conference on Meaning, University of Erfurt, September 4, 2009; New York State Philosophical Association Keynote Lecture, Hobart William Smith College, October 24, 2009.

"Fads and Fallacies in Philosophy of Mind and Language," for the debate with Peter

Hacker, "Fads and Fallacies in the Name of Cognitive Science" for The Netherlands Organization for Scientific Research (NWO). programme called "Brain & Cognition: an integrated approach," University of Utrecht, November 4, 2009.

"A theory of empirical concepts implying that all higher animals must have them," Department of Neurobiology and Cognition Research, University of Vienna, November 6, 2009.

"Philosophy Forum" (Three faculty seminars) Ohio University, May 6-8, 2010.

A different model for empirical concepts," Keynote lecture for The Brazilian Society for Analytic Philosophy, Unisinos University, Brazil, May 31, 2010. Dennison University, March 4, 2011;

Defense of "On Knowing the Meaning," Mind and language Seminar, NYU, Sept 14, 2010.

"Utterly Direct Reference," University of Nebraska, Oct 22, 2010.

On Natural Signs and Natural Information" (Various revisions, various titles), University of Texas, Arlington, February 4, 2011; Comparative Psychology and Animal Minds Workshop, Harvard University, March 27, 2011; CUNY Grad Center, April 27, 2011;

"Loosing the Word-Concept Tie," Aristotelian Society and the Mind Association Joint Session, University of Sussex, July 9, 2011.

"What's Inside a Thinking Animal?," Deutsche Gesellschaft für Philosophie, Colloquium on whether non-linguistic creatures do act for reasons, University of Munich, Sept 14, 2011

"Accidents"@ The John Dewey Lecture for the American Philosophical Association Central Division, Feb 16, 2012

"Natural Signs"@ for the *Workshop on Natural Information*, University of Aberdeen, using skype from the University of Connecticut February 13, 2012; "Open Problems in the Philosophy of Information", special session for the *Turing Centenary Conference CIE 2012*, June 21, 2012..

"An Epistemology for Phenomenology?"@ Neuphi Lecture, Boston, March 22, 2012. "ASelf-signs and Propo-language"@, Keynote lecture for *Proto-language - A Workshop*, University of Virginia, March 30, 2012.

"AConfessions of a Renegade Daughter"@ Wilfrid Sellars Conference, University College Dublin June 6, 2012.

"ADeflating Socially Constituted Objects: What Thoughts do to the World"@ Keynote talk for the conference *Objects in Mind: Social cognition and the constitution of social objects*. Center for Functionally Integrative Neuroscience in Aarhus, Denmark, June 26 2012

"AHow Ideas Refer"@, 2nd Wuhan International Conference on the Philosophy of Science - *Reference and Scientific Realism*, Wuhan, China, August 16, 2012.

"AIndexicals and Demonstratives"@ Lead talk for *Workshop on John Perry's Philosophy*, University of St Andrews, September 18, 2012; Keynote Lecture, Graduate Conference on Theoretical Philosophy, University of Groningen, April 18, 2013.

"How to OutRelevance Relevance Theory," Conference for Dan Sperber's 70th birthday, Ecole Normal Superior Paris, Dec. 14, 2013

"Explanation by Reference to Proper-functional Kinds," for the conference "Between Biology and Physics," The Van Leer Jerusalem Institute, Jerusalem, December 18, 2012

"Direct Reference for General Terms," Utrecht University Netherlands, April 17, 2013; Perception and Concepts, 9th International Symposium of Cognition, Logic and Communication, University of Latvia, Riga, May 18, 2013; Osnabrück Institute of Cognitive Science, June 25, 2013; for the workshop "What is Cognition?," Ruhr-University, Bochum, June 19, 2013; University of Girona, September 16th, 2013 "Why Teleosemantics?" Free University of Tbilisi, Tbilisi Georgia, May 20, 2013

"Our Clotted World" Free University of Tbilisi, Tbilisi Georgia, May 21, 2013

"Perception as Translation", Symposium: New Ideas, Tufts University, March 4, 2016 Seminar on *Beyond Concepts*, University of Basel, Switzerland, May 18-20, 2016 "Varieties of Semantic Rules for Natural and Intentional Signs", Workshop:

Normative Drawings and Deontic Artifacts, University of Cagliari, Sardinia,
 October 26-28, 2016.

“Words,” Conference: What’s in a Word? University of Connecticut, December, 2017

“Biosemantics and some non-naming words,” talk preceeding receipt of the Rescher Medal
 for Systemaic Philosophy, University of Pittsburgh, October 13, 2017 “Biosemantics and Words
 that don’t Represent,” Rolf Schock Symposium, preceeding receipt of the Rolf Schock Prize in
 Logic and Philosophy, The Royal Swedish Academy of Sciences, November 13, 2017;
 Society for Exact Philosophy, University of
 Connecticut, May 18, 2018

“Representations Made Simple” Conference: Naturally Evolving Minds, Wollongong Universirty
 AU, Feb. 20, 2018; Conference: The Future of Teleosemantics University of Bielefeld,
 Germany Sept. 7, 2018 .

“Biosemantics and Definite Descriptions,” Yale University, preceding receipt of the Wilber Cross
 Medal, October 7, 2019