

# CURRICULUM VITAE

September 2004

**Ruth Garrett Millikan**

## Education

A.B. Oberlin College, 1955

Ph.D. Yale University, 1969

## Teaching

- 2001- Board of Trustees Distinguished Professor, University of Connecticut  
2000 - The Alumni Association's Distinguished Professor for 2000-2003  
1998 Research Professor, University of Stockholm (January through June)  
1996- Full Professor, University of Connecticut, tenured full time.  
1993-1996 Full Professor, University of Michigan, tenured 1/2 time.  
1988-1996 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  
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:

1. Language, Thought, and Other Biological Categories, (Bradford Books/MIT Press, 1984) XI, 355 pp.  
*Paperback edition* 1988  
*Reprinted:* Portions of Chapters 1 and 2, in David J. Buller ed. Function, Selection and Design, SUNY press, 1999, pp. 85-95.  
*Reprinted:* "Introduction," [under the title "Biosemantics"] in Andrea Nye, ed., Philosophy of Language; The Big Questions, Blackwells, 1998, 93-102.

2. White Queen Psychology and Other Essays For Alice, (Bradford Books/MIT Press 1993), 388 pp.  
*Paperback edition 1995*
3. On Clear and Confused Ideas: An Essay about Substance Concepts, Cambridge University Press 2000, cloth and paper.  
*Italian translation* Sulle idee chiare e confuse. Saggio sui concetti di sostanza Vanni Zavarella translator, Edizioni Tecnico-Scientifiche Publishers 2003.
4. Varieties of Meaning: The Jean-Nicod lectures 2002, MIT Press 2004  
*Japanese translation,*  
*German translation,*
5. Language: A Biological Model, Oxford University Press 2005

Articles:

1. "An Evolutionist Approach to Language", Philosophy Research Archives, vol. 5, No. 4 (1979).
2. "Thoughts Without Laws", Philosophical Review 95.1 (1986) pp. 47-80  
*Reprinted* in H. Geirsson and M. Lososky eds., Readings in Language and Mind, Blackwell 1996.
3. "Naturalist Reflections on Knowledge", Pacific Philosophical Quarterly 65.4 (1984) pp. 315-334.
4. "The Price of Correspondence Truth", Nous 20.4 (1986) pp. 453-468.
5. "Metaphysical Antirealism?", Mind 95.4 (1986).  
*Reprinted* in The Philosophers Annual Vol. IX, 1986, Ridgeview; pp. 417-431.
6. "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.
7. "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: Garland Publishing, 1998.  
*Reprinted* in German translation as "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.  
*Reprinted* in R.C Hoy and L.N. Oaklander eds., Metaphysics: Classic and Contemporary Readings, Wadsworth 2005.  
*Reprinted* in Japanese translation in Philosophy of Mind III: Translated Anthology (Tokyo:Keiso Shobo publishers).
8. "An Ambiguity in the Notion "Function", Biology and Philosophy 4.2 (1989) pp. 172-176.  
*Reprinted* in David J. Buller ed. Function, Selection and Design, SUNY press, 1999, pp. 115-121..
  9. "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, Oxford: Oxford University Press, 2000, pp. 545-561
  10. "Compare and Contrast Dretske, Fodor and Millikan on Teleosemantics", Philosophical Topics 18.2 (1990[b]) pp.151-161.
  11. "The Myth of the Essential Indexical", Nous 24.5 (1990[c]) pp. 723-734.  
*Reprinted as* "Der Mythos der wesentlichen Indexwörter", translated by Erich Rast for M. Kettner and H. Pape eds., Indexikalität und Weltbezug, Paderborn: Mentis-Verlag, 2002, 163-176.  
*Revised and reprinted 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.
  12. "Speaking Up For Darwin", in eds. G. Rey and B. Loewer, Meaning in Mind; Fodor and His Critics, Blackwell 1991[a], pp. 151-164.
  13. "Perceptual Content and Fregean Myth", centennial issue of Mind, Volume 100.4 (1991[b]) pp. 439-59.
  14. "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).
  15. "Content and Vehicle", in Spatial Representation, Naomi Eilan, Rosaleen McCarthy, Bill Brewer, eds., Blackwell 1993, pp. 256-268.  
*Reissued* by Oxford University Press 1999.
  16. "Knowing What I'm Thinking Of", The Aristotelian Society, Supplementary volume 67 (1993) pp. 109-124.

17. "On Mentalese Orthography," in Bo Dahlbom, ed., Dennett and His Critics, Blackwell 1993, pp. 97-123.
18. "On Unclear and Indistinct Ideas", in James Tomberlin, ed., Philosophical Perspectives vol. VIII, Atascadero CA: Ridgeview Publishing 1994, pp. 75-100.
19. "A Bet With Peacocks," in Macdonald and Macdonald eds., Philosophy of Psychology: Debates on Psychological Explanation, Oxford University Press 1995, pp. 285-292.
20. "Pushmi-pullyu Representations", in James Tomberlin, ed., Philosophical Perspectives vol. IX, Atascadero CA: Ridgeview Publishing 1996[a], pp. 185-200.  
*Reprinted in Mind and Morals, ed. L. May and M. Friedman, MIT Press 1996, pp. 145-161.*
21. "On Swampkinds", Mind & Language 11.1 (March 1996[b]) pp. 103-117.
22. "Varieties of Purposive Behavior," in Robert Mitchell, ed., Anthropomorphism, Anecdotes, and Animals, SUNY Press, 1996[c], pp.189-197.  
*Reprinted in translation as "Verschiedene Arten von zweckgerichtetem Verhalten." In Der Geist der Tiere; Philosophische Texte zu einer aktuellen Diskussion , Dominik Perler and Marcus Wild eds. (Frankfurt: Suhrkamp) 2005, 201-212..*
23. "Some Troubles with Wagner's Reading of Millikan," Philosophical Studies, April 1997, pp. 1-5.
24. "Pojęcia Syntetyczne: Filozoficzne Rozważania o Kategoryzacji," Roczniki Filozoficzne vol. 43 no.1 (1995) pp. 165-180.
25. "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, pp. 207-219.
26. "Images of Identity," Mind 106 no.423 (July 1997) pp. 499-519.
27. "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.
28. "A Common Structure for Concepts of Individuals, Stuffs, and Basic Kinds: More Mama, More Milk and More Mouse", Behavioral and Brain Sciences 22.1 (February 1998), pp. 55-65.  
*Reprinted in E. Margolis and S. Laurence eds., Concepts: Core Readings, MIT Press 1999, 525-547.*  
*Reprinted in Laszlo Tarnay and Abdras Bocz, eds., NYELV - TUDAT - EVOLUCIO, A NYELV KOGNITIV MEGKOZELITESEI (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)*  
*Reprinted as "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.*

29. "With Enemies Like these I Don't Need Friends", Behavioral and Brain Sciences Vol 22.1 (February 1998) pp. 89-100.
30. "Language Conventions Made Simple," Journal of Philosophy XCV no.4 (April 1998), pp. 161-180.
31. "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.
32. "A More Plausible Kind of 'Recognitional Concept'". In E. Villanueva, ed., Concepts: Philosophical Issues Vol. 9, 1998 (Atascadero CA: Ridgeview Publishing), pp. 35-41.
33. "Wings, Spoons, Pills and Quills; A Pluralist Theory of Functions," The Journal of Philosophy 96.4, pp.191-206.
34. "Representations, Targets and Attitudes" (Millikan/Cummins Discussion) Philosophy and Phenomenological Research 60.1 (January 2000) pp.103-111.
35. "Historical Kinds and the Special Sciences," 1997 Oberlin Colloquium, Philosophical Studies 95.1-2, August 1999, pp. 45-65.
36. "Reading Mother Nature's Mind," in Dennett's Philosophy: a Comprehensive Assessment, Ross, Brook and Thompson, eds., 2000 (Cambridge MA: MIT Press/Bradford), pp. 55-75.
37. "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.
38. "The Language-Thought Partnership: A Bird's Eye View", in Hans Johan Glock, ed. Language and Communication 21 (2001) pp 157-166.  
*Reprinted* in Estonian Translation in Akadeemia as "Keele ja mõtlemise partnerlus: Vaade linnulennult" 2003, 1696-1710
39. "What has Natural Information to do with Intentional Representation?" in Denis Walsh, ed., Naturalism, Evolution and Mind, Cambridge: Cambridge University Press, 105-125.
40. "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.
41. "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, 163-177.
42. "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)
43. "In Defense of Public Language," in L. Antony and N. Hornstein eds., Chomsky and His Critics (Oxford: Blackwell) 2003, 215-237.
44. "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.

45. "Teleological Theories of Mental Content," Encyclopedia of Cognitive Science, Macmillan.
46. "Vom Auegbllichen Siegeszug der Gene und der Meme" ["On the Rumored Takeover by the Genes and The Memes"], for the lecture series "Wissenskultur und gesellschaftlichen Wandel" at Wolfgang Goethe University, Hajo Greif translator, Suhrkamp Verlag 2003 pp. 90-111,
47. ""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).
48. ""Some Reflections on the Theory Theory - Simulation Theory Discussion," Susan Hurley and Nick Chater eds., Perspectives on Imitation: From Mirror Neurons to Memes, Vol II, (The MIT Press) 2005, pp.182-188.
49. "Existence Proof for a Viable Externalism". In The Externalist Challenge. New Studies on Cognition and Intentionality, Richard Schantz ed., (Berlin & New York: de Gruyter 2004) 227-238..
50. The Son and the Daughter; On Sellars, Brandom and Millikan," Pragmatics and Cognition, 13.1,

#### Forthcoming Articles:

51. "Styles of Rationality." In Rationality in Animals, M. Nudds and S. Hurley eds. (Oxford: Oxford University Press 2006).
52. "Why (Most) Concepts are not Categories." In Henri Cohen and Claire Lefebvre eds., Handbook of Categorization in Cognitive Science (Elsevier 2005) [http://www.elsevier.com/wps/find/bookdescription.cws\\_home/705263/description](http://www.elsevier.com/wps/find/bookdescription.cws_home/705263/description) *Translated as "*)Por qué (la mayoría de) los conceptos nos son categorías?" In Juan Gonzalez, ed., Perspectivas contemporáneas sobre la cognición: percepción, categorización y conceptualización (Mexico: Siglo XXI) 2005.
53. "Useless Content" In G. Macdonald and D. Papineau eds. Teleosemantics (Oxford: Oxford University Press)
54. Article: "Biosemantics" for The Oxford Handbook in the Philosophy of Mind, Brian McLaughlin, editor, Oxford: Oxford University Press
55. Article: "On Thoughts of Real Kinds" for The Oxford Handbook of Philosophy of Psychology, Jesse Prinz, editor
56. "On Meaning, Meaning, Meaning and Meaning" In Prospects for Meaning, Richard Schantz ed. (Berlin & New York: de Gruyter).
57. "Embedded Rationality" Cambridge Handbook of Situated Cognition, Murat Aydede and Philip Robbins eds., Cambridge University Press

#### Commentaries and Reviews:

1. "Dennett's Rational Animals: How Behaviorism Overlooked Them", The Behavioral and Brain Sciences (September 1983) pp. 372-373
2. "Of What Use Categories?" The Behavioral and Brain Sciences 9.4 (1986) pp. 163-4
3. Review of Christopher Hookway's, "Minds, Machines, and Evolution", Nous (June 1987) pp. 95-98

4. "What Peter Thinks When he Hears Mary Speak", Behavioral and Brain Sciences 10:4 (1987) pp. 725-726
5. "Seismograph Readings for Explaining Behavior" (critical review of Dretske's Explaining Behavior) Philosophy and Phenomenological Research 50.4 (1990) pp. 807-812
6. "Clarifications on Language, Thought and Other Biological Categories," Annals of Scholarship 7 (1990) pp. 147-9
7. Review of Robert Cummins Meaning and Mental Representation, The Philosophical Review 101.2:422-5
8. Review of Jerry Fodor A Theory of Content, The Philosophical Review 101.4 (1992): pp. 898-901.
9. Review of Peter Godfrey-Smith Complexity and the Function of Mind in Nature, in Philosophy of Science 65.2:375-7 (Jun 1998).
10. "Response to Boy'd Commentary" Philosophical Studies 95:1-2 (1999) pp. 99-102.
11. "On Sympathies with J.J. Gibson, and on Focusing Reference," replies to Treffner and Sidel, Behavioral and Brain Sciences 22.4, August 1999, pp. 732-33.
12. "A Theory of Representation to Complement TEC," Behavioral and Brain Sciences 24: (4):

#### **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  
 Plenary Session Symposiast, XIX World Congress of Philosophy, Moscow, August, 1993  
 "Perceptual Content and Fregean Myth" figured as the lead article in the centennial issue of Mind (the oldest English language philosophical journal).  
 The Tenth Annual Patrick Romanell Lecture (American Philosophical Association, 1997) (one of two lectures annually commissioned by the APA).  
 Visiting Fellow, Wolfson College, Oxford, Hilary and Trinity terms 1991.  
 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 Filosofia, 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.  
 Nomination by its nominating committee for president of the American Philosophical Association Central Division 1995-7. (Declined due to election to the Eastern Division Executive Committee).  
 National Endowment for the Humanities Summer Fellowship, 1998.  
 The [British] Royal Institute of Philosophy, Lecture for "Philosophy at the New Millenium"

series.

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

The First Annual AAUP Award for Excellence in Research (University of Connecticut, 1997)

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

The University of Connecticut Alumni Association Distinguished Professor 2000-2003.

The Jean Nicod Prize from Centre National de la Recherche Scientifique of France, and the Jean Nicod Lectures, 2002.

### **Service to the Profession:**

Executive Committee, American Philosophical Association Eastern Division, 1995-1998  
(elected office).

President, Society for Philosophy and Psychology (elected office) 1992-3.

Program committee, American Philosophical Association Eastern Division, 1985

Executive Committee, Society for Philosophy and Psychology (elected office) 1987-90, 1992

Nominating Committee, Amer. Phil. Assoc. Eastern Division (elected office) 1990-92.

Advisory Committee to the Program Committee, Amer. Phil. Assoc., Eastern Division,  
1988-1992

Editorial Boards:

Philosophical Studies, 1988-

Philosophy and Phenomenological Research, 1995-.

Refereeing:

National Science Foundation, National Endowment for the Humanities, Social Sciences and Humanities Research Council of Canada, National Humanities Center, MIT Press, Cambridge U. Press, Oxford University Press, Guggenheim Foundation, Kluwer Academic Publishers, Society for Philosophy and Psychology, Behavioral and Brain Sciences, Nous, Pacific Philosophical Quarterly, Philosophy and Phenomenological Research, Synthese, Australasian Journal of Philosophy, Philosophical Studies, Biology and Philosophy, Philosophical Psychology, Canadian Journal of Philosophy, Linguistics and Philosophy, Erkenntnis, Mind and Language, Philosophy of Science, The British Journal for the Philosophy of Science, International Studies in Philosophy, Mind, International Journal of Philosophical Studies, Dialogue, European Journal of Philosophy,

Promotion and tenure reviews, department reviews:

Northwestern University, Rutgers University, Stanford University, University of Nebraska, Trinity University Hartford, Bowling Green, Dartmouth College, Connecticut College, University of Manchester England, Texas A&M, University of Georgia, University of Minnesota Duluth, Queens College Ontario, University of South Carolina,

Connecticut Wesleyan, Simon Frazer University, Johns Hopkins University, York University CA, University of New Hampshire, University of Hertfordshire, University of Florida.

PhD committees other than at the University of Connecticut or Michigan:

University of Chicago  
Rutgers University  
Indiana University  
The Union Insititute.  
Yale University  
Rijksuniversiteit Groningen (Netherlands).  
Vanderbilt University

**Marital Status**

Married to Donald P. Shankweiler, Professor of Psychology, University of Connecticut.  
Two natural and two step children, all now independent (well, relatively).

## APPENDIX

### Invited Lectures:

- Defense of Language, Thought, and Other Biological Categories, 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, Australian 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, BelgischGenootschap voor Logica en Wetenshafsfilosofie (Soc. Belge de Logique et de Philosophy des Sciences) April 27, 1991, University of Sussex, Jun 25, 1991; Centre de Recherche en Epistemologie Applique, Ecol 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 Spacial 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-Carnege-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;

"A Mor 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) Stockhom 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 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 Konatanz, 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 Languahe 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.