

# BRIAN JAMES MACWHINNEY

## CURRICULUM VITAE -- 20/03/2017

### Personal Data

Name: Brian James MacWhinney  
Title: Professor of Psychology  
Birthdate: August 22, 1945  
Place of Birth: New York, N.Y.  
Languages: Hungarian, German, French, Italian, Spanish,  
some Latin, Danish, Cantonese and Mandarin  
Office Address: Department of Psychology  
Carnegie Mellon University  
Pittsburgh, Pennsylvania 15213  
(412) 268-3793, fax 268-8215  
email: macw@cmu.edu  
Home Address: 5435 Aylesboro Avenue  
Pittsburgh, Pennsylvania 15217  
(412) 621-1919

### Education

B.A. 1965 UC Berkeley Spanish, Rhetoric, and Geology  
M.A. 1967 UC Berkeley Speech Science  
Ph.D. 1974 UC Berkeley Psycholinguistics

### Positions and Employment

1973-1975 Research Psychologist, UC Davis  
1975-1979 Assistant Professor, University of Denver  
1980-1981 Associate Professor, University of Denver  
1981-1985 Associate Professor, Carnegie Mellon  
1985- present Professor, Carnegie Mellon

### Other Experience and Professional Memberships

1980 Visiting Associate Professor, LSA Summer Institute  
1984-present Director, Child Language Data Exchange System  
1987 Chair, NSF Oversight Comm. for the Behavioral Sciences  
1988 Advisory Board of the MacArthur Infancy Network  
1991-1997 Brain Map Advisory Board  
1996 Chair, NSF Centers Program Advisory Board  
1999 NRC Review Committee  
2000 NICHD Policy Review Committee  
2009 Director, NSF Infrastructure for SBE Report Committee  
2012-2017 Chair, CLARIN Scientific Advisory Board

## **Honors**

1974	Ford Fellow, IREX Fellow
1979	NATO Advanced Seminar Fellowship
1980	Fulbright Fellowship
1980	Visiting Assistant Professor, LSA Summer Institute
1983	Visiting Associate Prof of Linguistics, SUNY Buffalo
1987	Fellow, Center for Advanced Research
1990-96	Inter. Association for Child Language Exec. Committee
1999	Visiting Distinguished Professor, Japanese Science Foundation
1999-2002	President, International Association for Child Language
2000-2001	Visiting Distinguished Professor, Hong Kong University
2002	Visiting Distinguished Professor, Academia Sinica, Taiwan
2003	Visiting Professor, SFB Multilingualism, Hamburg
2004	Visiting Professor, University of Zagreb
2007	Visiting Distinguished Professor, Hong Kong Institute of Education
2007-2010	Visiting Professor, Southern Denmark University
2010	Honorary Doctorate, University of Southern Denmark
2011	First Recipient of the IASCL Roger Brown Award
2014	On the list of 30 most influential living Cognitive Psychologists
2016	Distinguished Professor National Taiwan Normal University

## **Research Awards - Current**

2016-2021	NIH FluencyBank: the development of disfluency during childhood
2016-2019	NSF FluencyBank: the creation of a database for childhood disfluency
2015-2018	NSF HomeBank: A shared database for daylong recordings
2007-2022	NIH AphasiaBank: A shared multimedia database for the study of language use and rehabilitation in aphasia
2006-2021	NIH PhonBank: Development of the PHON program for phonological analysis and creation of a shared database on child phonological development
1988-2017	NIH CHILDES: Computational Analysis of Child Language Transcript Data

## **Research Awards - Completed**

2015-2017	NEH/DFG Grant for online learning of Latin and Historical German
2011-2014	IARPA Metaphor Project
2005-2015	Pittsburgh Science of Learning Center grant to study L2 learning of Chinese and French through online materials
2005-2008	NSF CISE Language Technologies grant to develop a grammatical relations parser for the CHILDES database
2003-2005	NSF ITR with Stanford University to establish Collaborative Commentary for classroom video

- 2003-2010 NSF ITR with Northwestern University to analyze 50 years of Supreme Court oral arguments through web-based linked transcripts and audio
- 1999-2004 NSF Infrastructure and KDI grant for the TalkBank Project. Collaboration with the University of Pennsylvania, Linguistic Data Consortium
- 1999-2002 NSF “System for the Teaching of Experimental Psychology (STEP)”
- 1998-2001 NSF “Linguistic Tools for the Analysis of Child Language Transcript Data”
- 1994-2009 NIMH Cognitive Training Grant
- 1994-1998 NICHD “Online sentence processing in early left focal lesions”
- 1994-1996 NSF grant for PsyScope
- 1994-1996 March of Dimes “Vocabulary learning in early left focal lesions”
- 1992-1994 Fund for the Improvement of Postsecondary Education (FIPSE) grant for the development of PsyScope
- 1989-1995 Andrew Mellon Foundation, “Scientific Literacy.”
- 1988-1993 NIH, Computational Core for “Foundations of Language Assessment” Program Project.”
- 1985-1987 NSF, “Data-Processing Equipment for the Child Language Data Exchange System.”
- 1985-1986 NSF, “Mechanisms of Language Acquisition Symposium.”
- 1984-1989 MacArthur, “Child Language Data Exchange System.”
- 1984-1987 NSF, “The Acquisition of Grammar.”
- 1983-1992 NICHD, “Crosslinguistic Developmental Studies of Sentence Processing,”
- 1979-1983 NSF, “The Impact of Point-Making on Syntactic Structure.”
- 1978-1982 NIMH, “A Model of the Acquisition of Morphophonology.”
- 1977-1979 Grant Foundation, “Morphophonological Development.”
- 1975-1976 NIMH Small Grant “Morphophonological Development”.
- 1975-1976 Grant Foundation, “Starting Points.”
- 1971-1972 FORD Foundation Scholarship

### **Professional Memberships**

American Educational Research Association  
 American Psychological Society  
 Association for Computational Linguistics  
 Cognitive Science Society  
 International Association for Child Language  
 Linguistic Society of America  
 Psychonomic Society  
 Society for Research in Child Development

### **Reviewing**

Grants NIE, NSF, NINCDS, NICHD, NIMH, ESF, Israel, Canada, ESRC  
 Programs Colorado, Minnesota, Penn  
 Publishers Holt, Rinehart, & Winston, McGraw-Hill, Prentice-Hall, Wadsworth, Princeton University Press, Cambridge University Press, MIT Press,

ETS, Department of State, Oxford University Press, Bradsford Books, Blackwells, Wiley

Editorial Boards Applied Psycholinguistics, Developmental Psychology, Discourse Processes, Journal of Memory & Language, International Journal of Neural Systems, Language Sciences, Language, Child Development, SRCD Monographs, Languages Interaction & Acquisition, Language Learning & Development

### **Web Sites**

<http://talkbank.org>

<http://chilides.talkbank.org>

<http://fluency.talkbank.org>

<http://aphasia.talkbank.org>

<http://phonbank.talkbank.org>

<http://homebank.talkbank.org>

<http://step.psy.cmu.edu>

### **Publications**

Atkinson, K., MacWhinney, B., & Stoel, C. (1970). An experiment on the recognition of babbling. *Papers and Reports on Child Language Development*, 5, 1-8.

MacWhinney, B. (1972). Hungarian child language references. In D. I. Slobin (Ed.), *Leopold's bibliography of child language*. Bloomington: Indiana University Press.

Osser, H., Ostwald, P., MacWhinney, B., & Casey, R. (1973). Glossolalic speech from a psycholinguistic perspective. *Journal of Psycholinguistic Research*, 2, 9-19.

MacWhinney, B. (1974). *How Hungarian children learn to speak*. Unpublished doctoral dissertation, University of California, Berkeley.

1975

MacWhinney, B. (1975). Pragmatic patterns in child syntax. *Stanford Papers And Reports on Child Language Development*, 10, 153-165.

MacWhinney, B. (1975). Rules, rote, and analogy in morphological formations by Hungarian children. *Journal of Child Language*, 2, 65-77.

1976

Fisher, K., & MacWhinney, B. (1976). AV Autotutorial instruction: A review of evaluative research. *AV Communications Review*, 3, 229-261.

MacWhinney, B. (1976). Hungarian research on the acquisition of morphology and syntax. *Journal of Child Language*, 3, 397-410.

MacWhinney, B. (1976). Review of "Cognition and the symbolic processes" edited by A. Weimer and D. Palermo. *Language Sciences*, 41, 21-23.

1977

- Fisher, K. M., Guenther, H., MacWhinney, B., Sorensen, P., & Stewart, D. (1977). Does video-autotutorial instruction improve college student achievement? *Journal of Research in Science Teaching*, *14*, 481-498.
- Keenan, J., MacWhinney, B., & Mayhew, D. (1977). Pragmatics in memory: A study in natural conversation. *Journal of Verbal Learning and Verbal Behavior*, *16*, 549-560.
- MacWhinney, B. (1977). Starting points. *Language*, *53*, 152-168.
- MacWhinney, B., & Osser, H. (1977). Verbal planning functions in children's speech. *Child Development*, *48*, 978-985.
- 1978
- MacWhinney, B. (1978). The acquisition of morphophonology. *Monographs of the Society for Research in Child Development*, *43*, Whole no. 1.
- MacWhinney, B. (1978). Conditions on acquisitional models. In (Ed.), *Proceedings of the 1978 annual conference*. New York: Association for Computing Machinery.
- MacWhinney, B. (1978). Developmental aspects of the dual-coding hypothesis: Commentary on Paivio. In J. Scandura, & C. Brainerd (Ed.), *Structural/process models of complex human behavior*. Alphen aan den Rijn: Sijthoff and Noordhoff.
- MacWhinney, B. (1978). Limitations on the use of rules in describing behavior. In J. Scandura, & C. Brainerd (Ed.), *Structural/process models of complex human behavior*. Alphen aan den Rijn: Sijthoff and Noordhoff.
- MacWhinney, B. (1978). Review of "Child discourse" edited by S. Ervin Tripp and C. Mitchell-Kernan. *Language*, *54*, 230-233.
- MacWhinney, B. (1978). Review of "Conversations with a one year old" by Ronald Scollon. *Language*, *54*, 230-233.
- MacWhinney, B., & Bates, E. (1978). Sentential devices for conveying givenness and newness: A cross-cultural developmental study. *Journal of Communication Disorders*, *539-558*.
- 1979
- Bates, E., & MacWhinney, B. (1979). A functionalist approach to the acquisition of grammar. In E. Ochs, & B. Schieffelin (Ed.), *Developmental pragmatics*. New York: Academic Press.
- 1980
- MacWhinney, B. (1980). Review of "Language acquisition: Studies in first language development" edited by P. Fletcher and M. Garman. *Contemporary Psychology*, *25*, 718-719.
- MacWhinney, B. (1980). Review of "New directions in discourse processing" edited by Roy Freedle. *Language*, *56*, 450-453.
- MacWhinney, B., & Price, D. (1980). The development of the comprehension of topic-comment marking. In C. C. P. D. Ingram, & P. Dale (Ed.), *Proceedings of the First*

*International Congress for the Study of Child Language*. Lanham: University Press of America.

1981

Bates, E., & MacWhinney, B. (1981). Second language acquisition from a functionalist perspective: Pragmatic, semantic and perceptual strategies. In H. Winitz (Ed.), *Annals of the New York Academy of Sciences conference on native and foreign language acquisition*. New York: New York Academy of Sciences.

1982

Bates, E., & MacWhinney, B. (1982). Functionalist approaches to grammar. In E. Wanner, & L. Gleitman (Ed.), *Language acquisition: The state of the art*. New York: Cambridge University Press.

Bates, E., MacWhinney, B., & Smith, S. (1982). Pragmatics and syntax in psycholinguistic research. In H. Wode, & S. Felix (Ed.), *Child language at the crossroads*. Tübingen: Gunter Narr.

Bates, E., McNew, S., MacWhinney, B., Devescovi, A., & Smith, S. (1982). Functional constraints on sentence processing: A cross-linguistic study. *Cognition*, *11*, 245-299.

MacWhinney, B. (1982). Basic syntactic processes. In S. Kuczaj (Ed.), *Language acquisition: vol 1. Syntax and semantics*. Hillsdale, N. J.: Lawrence Erlbaum.

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MacWhinney, B., Keenan, J., & Reinke, P. (1982). The role of arousal in memory for conversation. *Memory and Cognition*, *10*, 308-317.

1983

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Butler Platt, C., & MacWhinney, B. (1983). Error assimilation as a mechanism in language learning. *Journal of Child Language*, *10*, 401-414.

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1984

Bates, E., MacWhinney, B., Caselli, C., Devescovi, A., Natale, F., & Venza, V. (1984). A crosslinguistic study of the development of sentence interpretation strategies. *Child Development*, *55*, 341-354.

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- MacWhinney, B., Bates, E., & Kliegl, R. (1984). Cue validity and sentence interpretation in English, German, and Italian. *Journal of Verbal Learning and Verbal Behavior*, 23, 127-150.
- Menn, L., & MacWhinney, B. (1984). The repeated morph constraint: Toward an explanation. *Language*, 19, 519-541.
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- 1985
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- MacWhinney, B. (1985). Hungarian language acquisition as an exemplification of a general model of grammatical development. In D. Slobin (Ed.), *The cross-cultural study of language acquisition*. Hillsdale, NJ: Lawrence Erlbaum.
- MacWhinney, B. (1985). Topic and perspective as cognitive functions: Commentary on "Topic as Starting Point for Syntax" by H. Lempert. *Monographs of the Society for Research in Child Development*, 24, 140-147.
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- 1986
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- 1987
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- MacWhinney, B. (1987). Applying the competition model to bilingualism. *Applied Psycholinguistics*, 8, 315-327.
- MacWhinney, B. (1987). Competition and cooperation in language processing. In R. Tomlin (Ed.), *Proceedings of the Pacific Conference on Linguistics*. Eugene, Oregon: University of Oregon.
- MacWhinney, B. (1987). The Competition Model. In B. MacWhinney (Ed.), *Mechanisms of language acquisition*. Hillsdale, NJ: Lawrence Erlbaum.
- MacWhinney, B. (1987). Cues, competition, and learning. In J. Miller (Ed.), *Wisconsin Papers on Language Development*. Madison, Wisconsin: University of Wisconsin.
- MacWhinney, B. (Ed.). (1987). *Mechanisms of language acquisition*. Hillsdale, NJ: Lawrence Erlbaum.
- MacWhinney, B. (1987). Toward a psycholinguistically plausible parser. In S. Thomason (Ed.), *Proceedings of the Eastern States Conference on Linguistics*. Columbus, Ohio: Ohio State University.
- Pléh, C., & MacWhinney, B. (1987). Anaphora resolution in Hungarian. *Acta Linguistica Academiae Scientiarum Hungaricae*, 37, 75-96.
- Pléh, C., & MacWhinney, B. (1987). A visszautaló (anaforikus) elemek és a megértés pragmatikus tényezői. *Magyar Pszichológiai Szemle*, 44, 21-40.
- 1988
- Bates, E., & MacWhinney, B. (1988). What is functionalism? *Papers and Reports on Child Language Development*, 23, 22-34.
- MacWhinney, B. (1988). Competition and teachability. In R. Schiefelbusch, & M. Rice (Ed.), *The teachability of language*. New York: Cambridge University Press.
- MacWhinney, B., & Pléh, C. (1988). The processing of restrictive relative clauses in Hungarian. *Cognition*, 29, 95-141.
- Stemberger, J., & MacWhinney, B. (1988). Are inflected forms stored in the lexicon? In M. Hammond, & M. Noonan (Ed.), *Theoretical Morphology*. New York: Academic Press.
- 1989
- Bates, E., & MacWhinney, B. (1989). Functionalism and the Competition Model. In B. MacWhinney, & E. Bates (Ed.), *The crosslinguistic study of sentence processing*. New York: Cambridge University Press.



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- MacWhinney, B. (1989). Competition and lexical categorization. In R. Corrigan, F. Eckman, & M. Noonan (Ed.), *Linguistic categorization*. New York: Benjamins.
- MacWhinney, B. (1989). Competition in language and thought. In J. Montangero (Ed.), *Language and cognition. Cahiers Jean Piaget 10*. Geneva: Fondation Archives Jean Piaget.
- MacWhinney, B. (1989). Making words make sense: Commentary on “The Mutual Exclusivity Bias in children’s word learning” by W. Merriman and L. Bowman. *Monographs of the Society for Research in Child Development*, 220, 124-129.
- MacWhinney, B. (1989). Review of “Category Acquisition” edited by Y. Levy, I. Schlesinger, & M. Braine. *Language and Speech*, 31, 383-386.
- MacWhinney, B. (1989). Review of “Connections and symbols” edited by S. Pinker and J. Mehler. *Applied Psycholinguistics*, 12, 26-28.
- MacWhinney, B., & Bates, E. (Ed.). (1989). *The crosslinguistic study of sentence processing*. New York: Cambridge University Press.
- MacWhinney, B., Leinbach, J., Taraban, R., & McDonald, J. (1989). Language learning: Cues or rules? *Journal of Memory and Language*, 28, 255-277.
- McDonald, J., & MacWhinney, B. (1989). Maximum likelihood models for sentence processing research. In B. MacWhinney, & E. Bates (Ed.), *The crosslinguistic study of sentence processing*. New York: Cambridge University Press.
- Taraban, R., McDonald, J., & MacWhinney, B. (1989). Category learning in a connectionist model: Learning to decline the German definite article. In R. Corrigan, F. Eckman, & M. Noonan (Ed.), *Linguistic categorization*. New York: Benjamins.
- Wulfeck, B., Bates, E., Juarez, L., Opie, M., Friederici, A., MacWhinney, B., & Zurif, E. (1989). Pragmatics in aphasia: Crosslinguistic evidence. *Language and Speech*, 32, 315-336.
- 1990
- Bohannon, N., MacWhinney, B., & Snow, C. (1990). No negative evidence revisited: Beyond learnability or who has to prove what to whom. *Developmental Psychology*, 26, 221-226.
- Higginson, R., & MacWhinney, B. (1990). *CHILDES/BIB database: An annotated bibliography of child language and language disorders*. Hillsdale, NJ: Erlbaum.
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- MacWhinney, B. (1990). Connectionism as a framework for language acquisition theory. In J. Miller (Ed.), *Progress in research on child language disorders*. Austin, TX: Pro-Ed.

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- MacWhinney, B., & Leinbach, J. (1990). Implementations are not conceptualizations: revising the verb learning model. *Papers and Reports on Child Language Development*, 29, 32-46.
- MacWhinney, B., & Snow, C. (1990). The Child Language Data Exchange System. *ICAME Journal*, 14, 3-25.
- MacWhinney, B., & Snow, C. (1990). The Child Language Data Exchange System: An update. *Journal of Child Language*, 17, 457-472.
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- 1991
- Bates, E., McDonald, J., MacWhinney, B., & Appelbaum, M. (1991). A maximum likelihood procedure for the analysis of group and individual data in aphasia research. *Brain and Language*, 40, 231-265.
- Bates, E., Thal, D., & MacWhinney, B. (1991). The functionalist approach to language and its implications for assessment and intervention. *Pragmatics of Language*, 1-6.
- Bates, E., Wulfeck, B., & MacWhinney, B. (1991). Crosslinguistic research in aphasia: An overview. *Brain and Language*, 1-15.
- MacWhinney, B. (1991). Can phonology be cognitive? Review of "Phonology: A cognitive view" by Jonathan Kaye. *Contemporary Psychology*, 36, 503.
- MacWhinney, B. (1991). *The CHILDES database*. Dublin, OH: Discovery Systems.
- MacWhinney, B. (1991). *The CHILDES project: Tools for analyzing talk*. Hillsdale, NJ: Erlbaum.
- MacWhinney, B. (1991). The Competition Model and foreign language acquisition. In M. Swartz (Ed.), *Tutoring System for Foreign Language Acquisition*. Amsterdam: Kluwer.
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- 1992
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- MacWhinney, B. (1992). Review of Osherson and Lasnik. *American Journal of Psychology*, *105*, 158-160.
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- 1993
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MacWhinney, B. (1993). *The CHILDES Database: Second Edition*. Dublin, OH: Discovery Systems.

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1994

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Higginson, R., & MacWhinney, B. (1994). *CHILDES/BIB 1994 Supplement*. Hillsdale, NJ: Lawrence Erlbaum.

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McDonald, J. L., & MacWhinney, B. J. (1995). The time course of anaphor resolution: Effects of implicit verb causality and gender. *Journal of Memory and Language*, 34, 543-566.

Oshima-Takane, Y., & MacWhinney, B. (1995). *Japanese CHAT Manual*. Tokyo: Tokyo University Press.

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