CURRICULUM VITAE

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Anat Ninio

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Education

1962/63 - 1964/65 B.A. (Statistics and English Linguistics),

The Hebrew University, Jerusalem.

1967/68 - 1968/69 B.A. (Psychology), The Hebrew University, Jerusalem.

1969/70 M.A. (Psychology), The Hebrew University, Jerusalem.

Supervisor: Prof. Daniel Kahneman.

1970/71 - 1973/74 Ph.D. (Psychology), The Hebrew University, Jerusalem.

Supervisor: Prof. Daniel Kahneman.

1975/76 Postdoctoral studies, Oxford University, England.

Supervisor: Prof. Jerome Bruner

Institutes

1979, Summer Invited Junior Scholar to the Interdisciplinary Institute on the Origins and Growth of Communication, Society for Research in Child Development and the Carnegie Corporation, University of Delaware, Newark.

1983/84 Invited Scholar to the Study Group on Crosscultural and Crosslinguistic Aspects of Native Language Acquisition, The Institute for Advanced Studies, The Hebrew University, Jerusalem.

Chronology of employment at the Hebrew University of Jerusalem

1969/70 - 1971/72 Statistical advisor, Department of Psychology

1970/71 - 1974/75 Pre-doctoral teaching position, Department of Psychology

1976/77 - 1981/82 Lecturer, Department of Psychology and the School of Social Work

1982/83 - 1988/89 Senior Lecturer, Department of Psychology

1989/90 - 1993/94 Associate Professor, Department of Psychology

1994/95 - 2011/12 Professor, Department of Psychology

2012/13 - present Professor Emeritus, Department of Psychology

Professional engagement at other universities

1979/80 Visiting Professor, Duke University, Durham, USA.

1985/86 Senior Fellow, The New School for Social Research, New York, USA.

1985/86 Visiting Scholar, New York University, New York, USA.

1990/91 Visiting Professor, University of Quebec at Montreal, Canada.

1991 Visiting Scholar, Harvard University, Cambridge, USA.

1998/99 Visiting Scholar, Macquarie University, Sydney, Australia.

2004/05 Visiting Scholar, Graduate Center, City University of New York, USA.

2011/12 Visiting Scholar, University of Pennsylvania, USA.

Professional appointments

2015-present Member, the editorial board of *Journal of Neuroscience and Rehabilitation*

2002-present Associate, *Behavioral and Brain Sciences.*

Member, the Unesco Institute for Education Exchange Network on Functional Literacy in Industrialized Countries.

2011-2014 Member, Executive Committee of the International Association for the Study of Child Language (IASCL)

2008-2010 Chair, The Academic Committee of The Lafer Center for Women and Gender Studies, The Hebrew University of Jerusalem.

2002-2006 Director, the Martin and Vivian Levin Center for the Normal and Psychopathological Development of the Child and Adolescent, The Hebrew University of Jerusalem.

1989-1994, Chair, Graduate Developmental Program, Department of Psychology,

2001-2004 The Hebrew University of Jerusalem.

1994-1996 Chair, Department of Psychology, The Hebrew University of Jerusalem.

1996-2001 Chair, The Sturman Human Development Center, The Hebrew University.

1996-2001 Member, The Academic Committee of the Martin and Vivian Levin Center for the Normal and Psychopathological Development of the Child and Adolescent, The Hebrew University of Jerusalem.

1991-2002 Member, the editorial board of *Applied Psycholinguistics.*

1991-2002 Member, the editorial board of *Merrill-Palmer Quarterly.*

Student fellowships

1972 Pre-doctoral fellowship of the Faculty of Social Sciences, The Hebrew University.

1975 Fulbright-Hays Travel Grant of the United States-Israel Educational Foundation (did not use).

1975/6 Post-doctoral fellowship of the Hebrew University.

1975/6 Michael and Anna Wix Post-doctoral Grant.

1979 Fulbright-Hays Travel Grant of the United States-Israel Educational Foundation.

1979/80 International Scholarship of the American Association of University Women.

Professional societies

Member, Society for Research in Child Development (SRCD)

Member, the International Association for the Study of Child Language (IASCL)

Member, International Society for the Study of Behavioural Development (ISSBD)

Member, International Society on Infant Studies (ISIS)

Member, International Pragmatics Association (IprA)

Member, Society for Text and Discourse

Reviewer of grant applications for:

National Science Foundation (USA); The United States - Israel Binational Science Foundation; Israel Foundations for Research and Education (Ford); The Israel Academy of Science and Humanities; The Israel Ministry of Education; The Rothschild Fellowship Foundation; The National Institute for Psychobiology in Israel; Research Foundation Flanders (FWO) and others.

Reviewer of journal articles and manuscript evaluation for:

Acta Psychologica; Adaptive Behaviour; Applied Psycholinguistics; Child Development; Current Anthropology; Cognitive Development; Cognitive Linguistics; Cognitive Science; Developmental Psychology; Developmental Science, Early Development and Parenting; EPL (Europhysics Letters); First Language; Infant and Child Development; International Journal of Behavioral Development; Journal of Child Language; Journal of Cognitive Science; Journal of Pragmatics; Language; Language Learning; Linguistics; Lingua; Megamot; Merrill-Palmer Quarterly; The Modern Language Journal; Narrative Inquiry; The Open University, Israel; Oxford University Press; PLOS-ONE; Psychologia; Psychological Bulletin; Social Development; TiLAR and more.

**List of Publications**

**Books**

Ninio, A., & Snow, E. C. (1996). *Pragmatic development*. Boulder, CO: Westview Press.

Ninio, A. (2006). *Language and the learning curve: A new theory of syntactic development.* Oxford: Oxford University Press.

Ninio, A. (2011). *Syntactic development, its input and output*. Oxford: Oxford University Press.

Ninio, A. (in press). *Computing the sentence: A Relevance-theoretical model of syntactic development*. Oxford: Oxford University Press.

**Reviewed articles and book chapters**

Lieblich, A., Ninio, A., & Kugelmass, S. (1972). Effects of ethnic origin and parental SES on WPSSI performance of pre-school children in Israel. *Journal of Cross-Cultural Psychology, 3*, 159-168. Reprinted in *Megamot,* 1974, *21,* 13-22.

Lieblich, I., & Ninio, A. (1972). Detection of suppressed involvement with information through a forced number-guessing technique. *Acta Psychologica, 36*, 381-387.

Ninio, A., & Kahneman, D. (1974). Reaction time in focused and in divided attention. *Journal of Experimental Psychology*, *103,* 394-399.

Ninio, A. (1975). The effect of first response complexity on the Psychological Refractory Period -- A re-analysis. *Memory and Cognition*, *3,* 160-166.

Lieblich, A., Ninio, A., & Kugelmass, S. (1975). Developmental trends in directionality in Jewish and Arab Israeli children. *Journal of Cross-Cultural Psychology*, *6,* 504-511.

Lieblich, A., Ben-Shakhar, N., & Ninio, A. (1975). *Wechsler Intelligence Scale for Children. Revised and Standardized for the Testing of Israeli Children of 6 to 16 Years of Age*. The Psychological Counseling Service, The Ministry of Education, Jerusalem. (154 pages).

Ninio, A., Lieblich, I., & Shaham, E. (1976). The effect of the restriction of range and time stress on the detection of suppressed involvement with information through a forced number-guessing technique. *Acta Psychologica*, *40,* 75-84.

Ninio, A., & Lieblich, A. (1976). "The grammar of action": "Phrase-structure" in children's copying. *Child Development*, *47,* 846-849.

Bruner, J., Caudill, E., & Ninio, A. (1977). Language and experience. In R.S. Peters (Ed.), *John Dewey reconsidered*. Routledge & Kegan Paul.

Ninio, A., & Bruner, J. (1978). The achievement and antecedents of labelling. *Journal of Child Language*, *5,* 1-15.

Lieblich, A., Ben-Shakhar, N., & Ninio, A. (1978). The Hebrew WISC-R -- Validity information and reply to a response. *Megamot,* *24,* 130-132.

Lieblich, A., Ben-Shakhar, N., & Ninio, A. (1978). *Wechsler Intelligence Scale for Children (Arab version). Revised and standardized for the testing of Arabic speaking Israeli children of 6 to 16 years of age*. The Psychological Counseling Service, The Ministry of Education, Jerusalem. (160 pages).

Ninio, A., Yekel, H., & Haramati, A. (1979). *A proposal for a framework for information collection assessing the condition of the young family*. The Paul Baerwald School of Social Work, The Hebrew University, Jerusalem. (72 pages).

Ninio, A. (1979). Piaget's theory of space perception in infancy. *Cognition,* *7,* 125-144.

Ninio, A. (1979). On the testing of Piaget's hypothesis of topological primacy in representational space by copying geometrical figures. *Human Development*, *22,* 385-389.

Ninio, A. (1979). The naive theory of the infant and other maternal attitudes in two subgroups in Israel. *Child Development*, *50,* 976-980.

Ninio, A. (1980). Picture-book reading in mother-infant dyads belonging to two subgroups in Israel. *Child Development*, *51,* 587-590.

Ninio, A. (1980). The ostensive definition in vocabulary teaching. *Journal of Child Language,* *7,* 565-573.

Ninio, A. (1980). Accelerated development of infants born to Moroccan families: Results and conclusions. *Megamot,* *26,* 438-441.

Ninio, A. (1983). Joint bookreading as a multiple vocabulary acquisition device. *Developmental Psychology*, *19,* 445-451.7

Ninio, A., & Wheeler, P. (1984). Functions of speech in mother-infant interaction. In L. Feagans, G. J. Garvey, & R. Golinkoff (Eds.), *The origins and growth of communication* (pp. 196-207). Norwood, NJ: Ablex.

Ninio, A., & Wheeler, P. (1984). *A manual for classifying verbal communicative acts in mother-infant interaction*. Working Papers in Developmental Psychology, No. 1. Jerusalem: The Martin and Vivian Levin Center, Hebrew University. Reprinted as *Transcript Analysis*, 1986, *3,* 1-82.

Snow, C., & Ninio, A. (1985). The contracts of literacy: Learning how to learn from reading books. Invited chapter. In W. Teale (Ed.), *Emergent literacy: writing and reading* (pp. 116-138). Norwood, NJ: Ablex.

Ninio, A. (1985). The meaning of children's first words: Evidence from the input. Invited article for a special issue on Pragmatic Aspects of Lexical Acquisition and Development, edited by J. Streeck. *Journal of Pragmatics*, *9,* 527-546.

Ninio, A. (1985). Review of K.E. Nelson (Ed.), Children's language, Vol. 3. *Applied Psycholinguistics*, *5,* 271-277.

Ninio, A. (1986). The illocutionary aspect of utterances. *Discourse Processes*, *9,* 127-147.

Ninio, A. (1986). The direct mapping of function to form in children's early language. *Journal of Psycholinguistic Research*, *15,* 559 (Abstract).

Ninio, A. (1987). A comparison of mothers' and fathers' beliefs concerning the timetable of cognitive development in infancy. Invited article for a special issue on Women in Israel, edited by D. Izraeli. *Israel Social Science Research*, *5*, 6-16.

Ninio, A., & Snow, C. (1988). Language acquisition through language use: The functional sources of children's early utterances. In Y. Levy, I. Schlesinger, & M.D.S. Braine (Eds.), *Categories and processes in language acquisition* (pp. 11-30). Hillsdale, NJ: Erlbaum.

Ninio, A. (1988). On formal grammatical categories in early child language. In Y. Levy, I. Schlesinger, & M.D.S. Braine (Eds.), *Categories and processes in language acquisition* (pp. 99-119). Hillsdale, NJ: Erlbaum.

Ninio, A., & Rinott, N. (1988). Fathers' involvement in the care of their infants and their attributions of cognitive competence to infants. *Child Development*, *59,* 652-664.

Ninio, A. (1988). The effects of cultural background, sex and parenthood on beliefs concerning the timetable of cognitive development in infancy. *Merrill-Palmer Quarterly*, *34,* 369-388.

Ninio, A. (1988). The roots of narrative: Discussing recent events with very young children. Invited article for a special issue on Child Language Acquisition, edited by B. G. Blount. *Language Sciences*, *10,* 35-52.

Ninio, A. (1990). Early environmental experiences and school achievement in the second grade: An Israeli study. *International Journal of Behavioral Development*, *13,* 1-22.

Ninio, A. (1990). When should the first book be bought for a child? An exploration of maternal decision making. In K. Benyamini, M. Amir, A. Dolev, R. Cohen, & I. M. Schlesinger (Eds.), *Theory and application in psychology. Volume in memory of Israel Lieblich* (pp. 202-211). Jerusalem: Magnes.

Ninio, A. (1990). The genome might as well store the entire language in the environment. *Behavioral and Brain Sciences*, *13,* 746-747.

Ninio, A, Wheeler, P, Snow, C. E., Pan, B. A., & Rollins, P. R. (1991). *INCA-A: Inventory of Communicative Acts - Abridged*. Coding manual distributed by Harvard Graduate School of Education.

Ninio, A. (1992). The relation of children's single word utterances to single word utterances in the input. *Journal of Child Language*, *19,* 87-110.

Ninio, A. (1992). Predicting risk for school learning problems from maternal attitudes at two years. In C. W. Greenbaum & J. G. Auerbach (Eds.), *Longitudinal studies of children at risk: Cross-national perspectives* (pp. 221-232). Norwood, NJ: Ablex.

Ninio, A. (1992). The social bases of Cognitive/Functional Grammar: Commentary on Tomasello, M. (1992), The social bases of language acquisition. *Social Development*, *1,* 155-158.

Ninio, A. (1993). Is early speech situational? An examination of some current theories about the relation of early utterances to the context. In D. Messer & G. Turner (Eds.), *Critical influences on language acquisition and development* (pp. 23-39). London: Macmillan.

Ninio, A. (1993). On the fringes of the system: Children's acquisition of syntactically isolated forms at the onset of speech. *First Language*, *13,* 291-313.

Ninio, A., & Goren, H. (1993). *PICA-100: Parental Interview on 100 Communicative Acts*. Coding manual distributed by the Department of Psychology, The Hebrew University, Jerusalem, Israel.

Ninio, A. (1994). Predicting the order of acquisition of three-word constructions by the complexity of their dependency structure. *First Language*, *14,* 119-152.

Ninio, A. (1994). Expression of communicative intents in the single-word period and the vocabulary spurt. In K. Nelson & Z. Reger (Eds.), *Children's language* (Vol. 8, pp. 103-124). Hillsdale, NJ: Erlbaum.

Ninio, A, Snow, C. E., Pan, B. A., & Rollins, P. R. (1994). Classifying communicative acts in children's interactions. *Journal of Communication Disorders*, *27,* 158-187.

Ninio, A. (1995). Compiler Grammar: A dependency-oriented minimalist approach. *Theoretical Linguistics*, *21,* 159-195.

Ninio, A. (1996). A proposal for the adoption of dependency grammar as the framework for the study of language acquisition. In G. Ben Shakhar & A. Lieblich (Eds.), *Volume in honor of Shlomo Kugelmass* (pp. 85-103). Jerusalem: Magnes.

Ninio, A. (1998). The meaning of children's first words: Evidence from the input. (reprint of 1985 article from *Journal of Pragmatics*, *9,* 527-546, with a Postscript). In A. Kasher (Ed.), *Pragmatics: Critical assessment* (pp. 296-315). London: Routledge.

Ninio, A. (1998). Acquiring a dependency grammar: The first three stages in the acquisition of multiword combinations in Hebrew-speaking children. In G. Makiello-Jarza, J. Kaiser, & M. Smolczynska (Eds.), *Language acquisition and developmental psychology* (pp. 201-210). Cracow: Universitas.

Ninio, A., & Snow, C. (1999). The development of pragmatics: Learning to use language appropriately. In T. K. Bhatia & W. C. Ritchie (Eds.), *Handbook of Language Acquisition* (pp. 347-383). New York: Academic Press.

Ninio, A. (1999). Pathbreaking verbs in syntactic development and the question of prototypical transitivity. *Journal of Child Language*, *26,* 619-653.

Ninio, A. (1999). Model learning in syntactic development: Intransitive verbs. Invited article for a special issue on Cross-linguistic Studies of Early Grammar, edited by M. M. Vihman. *International Journal of Bilingualism*, *3,* 111-131.

Ninio, A. (2001). Pragmatic keywords and the first combining verbs in children's speech. Invited article for a special issue on Pragmatic Development, edited by Haydee Marcos. *First Language*, *21,* 433-460.

Hershberg, U., & Ninio, A. (2002). Cognitive systems and the special order of their environment. *Res-Systemica: European Systems Science Journal, Vol. 2, Special Issue: Proceedings of the 5th European Systems Science Congress, October 02, Crete*, to be reprinted in *Journal of Applied Systems Studies*.

Ninio, A. (2003). Analogy and transfer of learning as central processes in syntactic development. Invited article for a special issue of *Revue d'Intelligence Artificielle (RIA)*: Regards Croisés sur l'Analogie, edited by K. Duvignau, O. Gasquet & B. Gaume, *17,* 813-821.

Ninio, A. (2003). No verb is an island: Negative evidence on the Verb Island hypothesis. *Psychology of Language and Communication,* *7*, 3-21.

Ninio, A. (2003). Review of Jasone Cenoz and Fred Genesee (Eds.). *Trends in Bilingual Acquisition.* Amsterdam: John Benjamins, 2001. *Journal of Multilingual and Multicultural Development, 24,* 465-467.

Ninio, A. (2004). Young children's difficulty with adjectives modifying nouns. *Journal of Child Language*, *31*, 255-285.

Hershberg, U., & Ninio, A. (2004). Optimal exemplar learning in cognitive systems. Invited article for a special issue of *Cognitive Systems (ESSCS)* on Multidisciplinary Aspects of Learning, edited by G. Dalenoort & M. Pichat, *6*, 181-188.

Ninio, A. (2005). Testing the role of semantic similarity in syntactic development. *Journal of Child Language,* *32*, 35-61.

Ninio, A. (2005). Accelerated learning without semantic similarity: indirect objects. *Cognitive Linguistics, 16,* 531–556.

Ninio, A. (2005). Adult-type grammatical relations in children's early language. In B. Bokus (Ed.), *Studies in the psychology of child language: In honor of Grace Wales Shugar* (pp. 71-83). Warsaw: Matrix.

Ninio, A. (2006). Kernel vocabulary and Zipf's Law in maternal input to syntactic development. In D. Bamman, T. Magnitskaia, & C. Zaller (Eds.), *BUCLD 30: Proceedings of the 30th annual Boston University Conference on Language Development* (pp. 423-431). Somerville, MA: Cascadilla Press.

Ninio, A. (2007). Review of *What is language development? Rationalist, empiricist, and pragmatist approaches to the acquisition of syntax* by James Russell. Oxford University Press, Oxford, 2004. *Journal of Child Language, 34,* 194-198.

Klein, E., Teubal, E., & Ninio, A. (2008). Young children's developing ability to produce notations in different domains — drawing, writing and numerical. In C. Andersen, M. Pérez Echeverría, N. Scheuer, & E. Teubal (Eds.), *Representational systems and practices as learning tools* (pp. 39‑58). Rotterdam, The Netherlands: Sense Publishers.

Ninio, A. (2010). Review of *Routes to language: studies in honor of Melissa Bowerman,* edited by Virginia C. Mueller Gathercole. Psychology Press, 2008. *First Language*, *30*, 131-134.

Ninio, A. (2010). Predicate and argument. In P. C. Hogan (Ed.), *The* *Cambridge encyclopedia of the language sciences* (p. 659). Cambridge: Cambridge University Press.

Ninio, A. (2010). Two-word speech. In P. C. Hogan (Ed.), *The* *Cambridge encyclopedia of the language sciences* (pp. 877-878). Cambridge: Cambridge University Press.

Ninio, A., & Snow, C. (2011). Discourse, pragmatics, conversation, analysis. In P. Grundy & D. Archer (Eds.), *The pragmatics reader*. New York: Routledge.

Ninio, A. (2013). Dependency grammar and Hebrew. In Geoffrey Khan (Ed.), *Encyclopedia of Hebrew language and linguistics* (EHLL; pp. 710-712). Boston: Brill USA.

Ninio, A. (2014). Variables and values in children’s early word-combinations. *Psychology of Language and Communication, 18(2),* 106*-*125*.* doi: 10.2478/plc-2014-0009

Ninio, A. (2014). Syntactic networks, do they contribute valid information on syntactic development in children?: Comment on "Approaching human language with complex networks" by J. Cong and H. Liu. Invited commentary, Physics of Life Reviews,11, 632-634. DOI: 10.1016/j.plrev.2014.05.004

Ninio, A. (2014). Pragmatic development. In P. Brooks, V. Kempe, & J. G. Golson (Eds.), Encyclopedia of language development. Thousand Oaks, CA: SAGE Publications. doi: http://dx.doi.org/10.4135/9781483346441

Ninio, A. (2014). Syntactic development: Dependency grammar perspective. In P. Brooks, V. Kempe, & J. G. Golson (Eds.), Encyclopedia of language development. Thousand Oaks, CA: SAGE Publications. doi: <http://dx.doi.org/10.4135/9781483346441>

Ninio, A. (2014). Learning a generative syntax from transparent syntactic atoms in the linguistic input. *Journal of Child Language,* *41*, 1249-1275. doi:10.1017/S0305000913000470

Ninio, A. (2015). Bids for joint attention by parent-child dyads and by dyads of young peers in interaction. *Journal of Child Language, 43*, 135-156. doi:10.1017/S0305000915000082*.*

Ninio, A. (2015). *The first vocabulary of transitive verbs in Hebrew is apparently learned from single-word parental utterances*. Complementary resource for a poster presented at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania, USA, March 20, 2015. Available at <http://micro5.mscc.huji.ac.il/~msninio/1wd_longtext_online.docx>

Ninio, A. (2015).*How to construct three-word-long sentences the generative way:* *The development of recursion in young children’s syntax.* Full-length writeup as a complementary resource for a paper presented at a symposium on Generative Grammar at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania, USA, March 21, 2015. Available at [http://micro5.mscc.huji.ac.il/~msninio/ 000-how-to-construct-generative-way-online.docx](http://micro5.mscc.huji.ac.il/~msninio/three-word_recursion_longtext_online.docx)

Ninio, A. (2016). Learning transitive verbs from single-word verbs in the input by young children acquiring English. *Journal of Child Language*, *43*, 1103-1130. Available at doi:10.1017/S030500091500046X

Ninio, A. (2017). Projectivity is the mathematical code of syntax: Comment on “Dependency distance: a new perspective on syntactic patterns in natural languages” by Haitao Liu et al. Invited commentary, Physics of Life Reviews, 21, 215-217. doi:10.1016/j.plrev.2017.06.021

Ninio, A. (2017). Pathbreaking verbs for developing recursion in the speech of children acquiring English. In E. Babatsouli (ed.), *Proceedings of the International Symposium on Monolingual and Bilingual Speech 2017* (pp. 213-219). Available at http://ismbs.eu/publications-2017

Ninio, A. (2018). Learning to produce complement predicates with shared semantic subjects. *First Language, 38(4),* 399-418.

Ninio, A. (2018). Dissortativity in a bipartite network of dependency relations and communicative functions. In J. Jiang and H. Liu (Eds.), *Quantitative analysis of dependency structures* (pp. 71-92). Berlin/Boston: Mouton de Gruyter.

Ninio, A. (2019). Complement or adjunct? The syntactic principle English-speaking children learn when producing determiner-noun combinations in their early speech. In A. Ninio (guest editor), The role of grammatical words in young children’s syntactic development: Special issue. *First Language,* 39(1), 33-44.

Ninio, A. (2019). Learning to structure sentences through the acquisition of grammatical words: Introduction to the special issue on the role of grammatical words in young children’s syntactic development. In A. Ninio (guest editor), The role of grammatical words in young children’s syntactic development: Special issue. *First Language, 39(1),* 3-8*.*

Ninio, A. (2019). An explanation of the decisive role of function words in driving syntactic development. In *Quasy, Syntax Fest 2019: Proceedings of the First International Workshop on Quantitative Syntax* (pp. 57-67). Paris, France: The International Quantitative Linguistics Association (IQLA). Available at <https://www.aclweb.org/anthology/W19-7907.pdf>.

Ninio, A. (2021). [*Hebrew-speaking mothers’ use of ‘baby talk’*](http://micro5.mscc.huji.ac.il/~msninio/Hebrew_BT.docx)***.*** A version of this paper was posted on the info-CHILDES network. Available at <http://micro5.mscc.huji.ac.il/~msninio/>Hebrew\_BT.docx

**Conference presentations**

Ninio, A. (1981, January). *Parental beliefs and the provision of environmental opportunities to young children*. Invited lecture at the Colloquium of the Department of Psychology of Tel-Aviv University, chaired by R. Karniol.

Ninio, A. (1981, March). *Lifestyles of two-year-old children*. Invited lecture at the 10th Anniversary Seminar on Family Functioning and the Life of the Young Child, chaired by A. Doron and M. K. Rosenthal, the Schwartz Program, The Paul Baerwald School of Social Work, the Hebrew University.

Ninio, A. (1983, May). *A pragmatic approach to early language acquisition*. Paper presented at the Study Group on Crosscultural and Crosslinguistic Aspects of Native Language Acquisition. The Institute for Advanced Studies, The Hebrew University, Jerusalem.

Ninio, A. (1984, December). *Does the listener have to recognize the illocutionary force of utterances?* Paper presented at the Conference on the Cognitive Aspects of Discourse, Tel Aviv University.

Ninio, A. (1984, December). *Speech and social reality*. Paper presented at the Interdepartmental Seminar Series in Social Psychology, The Hebrew University, Jerusalem.

Ninio, A. (1985, January). *Fathers' involvement in the raising of their infants*. Colloquium on Fathers' Involvement in the Raising of Infants, Van Leer Colloquia, the Sex Differences in Society Studies, The Hebrew University, chaired by A. Ninio.

Ninio, A. (1985, April). *The contracts of literacy: What children learn from learning to read books*. Paper presented at the Symposium on Storybook Interaction During Early Literacy Development, chaired by E. Sulzby. The Biennial Meeting of the Society for Research in Child Development, Toronto, Canada.

Ninio, A. (1985, July). *Realization rules for communicative intents in one-word speech*. Paper presented at the Eight Biennial Meeting of the International Society for the Study of Behavioural Development, Universite Francois-Rabelais, Tours, France.

Ninio, A. (1985, December). *Language acquisition through language use*. Invited lecture, the Biannual Meeting of the New York Child Language Group, The Graduate Center of the City University of New York, New York.

Ninio, A. (1986, February). *The primacy of pragmatics in language acquisition*. Invited lecture, the Section of Linguistics of the New York Academy of Sciences, New York.

Ninio, A. (1986, March). *Parental beliefs, early environment, and school achievement*. Invited lecture, The Brown Bag Meetings of the Ph.D. Program in Developmental Psychology, The Graduate Center of the City University of New York, New York.

Ninio, A. (1986, March). *The communicative sources of meaning in children's earliest language*. Invited lecture, The Area Seminar in Cognitive/Developmental Psychology, New York University, New York.

Ninio, A. (1986, April). *Negative feedback on very young speaker's grammar*. Paper presented at a symposium on New Approaches to Language Acquisition: Learnability Theory, Processing Constraints, and the Negative Evidence Issue, chaired by J. N. Bohannon. Conference on Human Development, Vanderbilt University, Nashville, Tennessee.

Ninio, A. (1986, May). *The direct mapping of function to form in children's early language*. Invited lecture, The New York Psycholinguistic Circle, New York.

Ninio, A. (1988, June). *When should the first book be bought for a child? An exploration of maternal decision making*. Paper presented at the Third European Conference on Developmental Psychology, Budapest, Hungary.

Ninio, A. (1988, June). *Parent-child Interactions and Cognitive Development: Introduction to a poster workshop*. Paper presented at a poster workshop on Parent-child Interactions and Cognitive Development, chaired by A. Ninio. The Third European Conference on Developmental Psychology, Budapest, Hungary.

Ninio, A. (1988, July). *Predicting risk for school learning problems from maternal attitudes at two years*. Paper presented at the International Workshop on Longitudinal Studies of Infants Born at Psychological Risk: Cross-National Perspectives, The Hebrew University of Jerusalem, Jerusalem, Israel.

Ninio. A. (1990, April). *The relation of children's single-word utterances to the input*. Paper presented at a symposium on Language and Communication in Social Interaction, chaired by H. Feider. 7th International Conference on Infant Studies, Montreal, Canada.

Ninio, A. (1990, April). *The interrelatedness of communicative and lexical development in early child language*. Paper presented at the Workshop on Perspectives Bio-sociales du Developpement de L'enfant, Department of Psychology, University of Quebec at Montréal, Montréal, Canada.

Ninio, A. (1990, July). *Expression of communicative intents and the vocabulary spurt*. Paper presented at the 5th International Congress for the Study of Child Language, Budapest, Hungary.

Ninio, A. (1991, March). *Antecedents of the emergence of two-word speech in young children*. Paper presented at the Center for Research in Human Development Seminar Series, Concordia University, Montreal, Canada.

Ninio, A. (1991, April). *The interrelatedness of communicative competence and linguistic competence in young children*. Paper presented at the Child Language Series, McGill University, Montreal, Canada.

Ninio, A. (1991, April*). Introduction to the Ninio and Wheeler taxonomy of verbal communicative acts and to the INCA abridged version.* Paper presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, Washington, April, 1991.

Ninio, A. (1991, April). *Is early speech situational? The relation of early utterances to the context*. Paper presented at a symposium on Early Communicative Development: The Centrality of Pragmatic Analysis, chaired by B. A. Pan and C. E. Snow. The Biennial Meeting of the Society for Research in Child Development, Seattle, Washington.

Ninio, A. (1991, April). *The expression of communicative intents in single-word utterances and the emergence of patterned speech*. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, Washington.

Ninio, A. (1993, March). *Predicting the order of acquisition of 3-word constructions by the complexity of their dependency structure*. Paper presented at the Biennial Meeting of the Society for Research in Child Development, New Orleans, Luisiana.

Ninio, A. (1993, July). *A proposal for the adoption of dependency grammar as the framework for the study of human language acquisition and language use*. Paper presented at the Sixth International Congress for the Study of Child Language, Trieste, Italy.

Ninio, A. (1993, October). *The acquisition of a dependency grammar by children learning Hebrew as their first language*. Paper presented at the Conference of the Israeli Psychological Association, Bar Ilan University, Ramar Gan.

Ninio, A. (1994, January). *Words with holes: The acquisition of the predicateness of predicates*. Invited lecture, Emory Conference on Cognitive and Functional Approaches to Grammatical Development, Emory University, Atlanta, Georgia.

Ninio, A. (1994, June). *Antecedents of syntax in the communication system*. Invited lecture, Colloquium on Prelinguistic and Linguistic Communication in Children, Universite Rene Descartes Paris-V, Centre Nationale de la Reserche Scientifique, Paris, France.

Ninio, A. (1995, March). *Predicting a developmental lag of adjectival attribution in early word combinations on the basis of Dependency Theory*. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Indianapolis, Indiana.

Ninio, A. (1996, July). *Pathbreaking verbs in syntactic development*. Paper presented at the Seventh International Congress for the Study of Child Language, Istanbul, Turkey.

Ninio, A. (1996, November). *The phenomenon of pathbreaking verbs in syntactic development*. Cognitive Colloquium, Department of Psychology, The Hebrew University, Jerusalem.

Ninio, A. (1999, February). *Model learning and syntactic development*. Child Language Research Group, Sydney, Australia, 19 February, 1999.

Ninio, A. (1999, March). *Model learning: A non-nativist option for the acquisition of categorical rules in syntax*. Paper presented at the Colloquium of the Social-Developmental Group, Macquarie University, Sydney, Australia.

Ninio, A. (1999, April). *Communicative keywords and model learning in syntactic development*. Child Language Research Group, Sydney, Australia.

Ninio, A. (1999, July). *Learning from examples in syntactic development*. Keynote address at the 11th Australasian Human Development Conference, Sydney University, Sydney, Australia.

Ninio, A. (1999, August). *Early syntax as the expression of object-relations*. Psychology Department Colloquia, Macquarie University, Sydney, Australia.

Ninio, A. (1999, September). *A learning model of the development of early syntax*. Invited talk, Keio University and Ochanomizu Women's University, Tokyo, Japan.

Ninio, A. (1999, December). *The beginnings of syntax as the expression of "Object Relations"*. The Interdisciplinary Workshop in Human Development, Department of Psychology, The Hebrew University, Jerusalem.

Ninio, A. (2000, January). *The beginnings of syntax: The soft belly of the frequency effect*. Cognitive Colloquium, Department of Psychology, The Hebrew University, Jerusalem.

Ninio, A. (2000, July). *Model exemplars learned first: A new proposal for the way children form linguistic rules and categories*. Paper presented at the 16th Biennial Meetings of the International Society for the Study of Behavioural Development, Beigin, China.

Ninio, A. (2001, April). *Linguistic rules and categories are learned from "Good Models": A proposal for a new learning process*. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, Minnesota.

Hershberg, U., & Ninio, A. (2002, January). *Optimal exemplar learning in cognitive systems*. Paper presented at the Special Workshop on Multidisciplinary Aspects of Learning, European Society for the Study of Cognitive Systems (ESSCS). Clichy, Paris, France.

Hershberg, U., Efroni, S, Ninio, A., & Cohen, I. (2002, March). *The immune system and other cognitive systems: Optimal exemplar learning in cognitive systems*. Neurology Conference, Monterey, California.

Ninio, A. (2002, May). *Learning by analogy in the development of the dative object*. Invited paper presented at the Symposium on Analogy and Cognition, Pele de Recherches en Sciences Cognitives de Toulouse (PRESCOT), Toulouse, France.

Ninio, A., & Keren-Portnoy, T. (2002, July). *Mastering the syntax of pathbreaking verbs delays learning others of the same kind*. Paper presented at the Ninth International Congress for the Study of Child Language and the Symposium on Research in Child Language Disorders (IASCL/SRCLD), Madison, Wisconsin.

Ninio, A. (2002, August). *Young children's difficulty with attribution*. Paper presented at the 2002 Biennial Meeting of the International Society for the Study of Behavioural Development, Ottawa, Canada, August 2002.

Hershberg, U., & Ninio, A. (2002, October). *Cognitive systems and the special order of their environment*. Paper presented at the 5th European Conference on Systems Science, Crete, Greece. October 16-19, 2002.

Ninio, A. (2003, April). *The semantics of syntactic form-classes in Hebrew-speaking children*. Paper presented at a symposium on Early Syntactic Combinations: Theory and Typology, chaired by A. Ninio. The Biennial Meeting of the Society for Research in Child Development, Tampa, Florida, April 2003.

Arnon, T., & Ninio, A. (2003, April). *Semantic facilitation in the development of the dative object*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, Florida.

Klein, E., Tuval, H., & Ninio, A. (2004, July). *Development of the discrimination among notational systems in young children -- drawing, writing and digits.* Paper presented at the 19th conference of Script -- The Israeli Association for Literacy, Zichron Yakov, 7-8 July, 2004.

Ninio, A. (2004, November). *Some evidence for adult-type grammatical relations in young children's grammar*. Invited talk, The Brown Bag Meetings of the Ph.D. Program in Developmental Psychology, The Graduate Center of the City University of New York, New York.

Ninio, A. (2005, May). *Grammatical similarity in very early syntax*. Invited paper presented at the Princeton Workshop on Early Syntax, May 9, 2005.

Klein, E., Teubal, E., & Ninio, A. (2005, August). *Young children's development of the ability to discriminate between different notational domains- Drawing, writing and numerical notation* Paper presented at a symposium: Children's drawing: Its relation to learning and instruction in kindergarten and primary education, organized by E. Teubal and N. Scheuer. 11th biennial conference of EARLI: European Association for Research on Learning and Instruction, Nicosia, Cyprus, August 23-27, 2005.

Ninio, A. (2005, November). *Kernel vocabulary and Zipf's Law in maternal input to syntactic development.* Paper presented at the 30th Annual Boston University Conference on Language Development, November 4-6, 2005.

Ninio, A. (2006, April). *Syntactic development: Lessons from complexity theory*. Invited talk at the Eight Annual Gregynog/Nantgwrtheyrn Conference on Child Language, Nant Gwrtheyrn, Wales, April 6-8, 2006.

Ninio, A. (2006, July). *Some principles of syntactic development of possible relevance for language evolution.* Invited talk presented at a workshop on language development and language evolution at the ColRobot group of Collegium Budapest, Budapest, Hungary, July 13, 2006.

Ninio, A. (2006, July). *Language development as linking to the network of speakers*. Paper presented at The Second Language Culture and Mind conference (LCM 2) - Integrating Perspectives and Methodologies in the Study of Language, Paris, July 17-20, 2006.

Ninio, A. (2006, November). *The role of semantics in syntactic development*. Invited talk at the Linguistics Colloquium of the Department of English, The Hebrew University of Jerusalem, November 7, 2006.

Ninio, A. (2007, January). *Syntax and the lexicon.* Invited talk given atthe Psychometric Seminar Series of the National Institute for Testing and Evaluation, Jerusalem, Israel, January, 18, 2007.

Ninio, A. (2007, March). *Complex Systems' approach to the development of a morphological formclass.* Poster presented at the Biennial Meeting of the Society for Research in Child Development**,** Boston, MA, March 29 - April 1.

Ninio, A. (2008, March). *The past was just a moment ago: Past morphology in the speech of*

*young children and their mothers.* Posterpresented at the XVIth Biennial International Conference on Infant Studies, Vancouver, Canada, March 27-29, 2008.

Spharim, G., & Ninio, A. (2008, July). *Aspect is not first: Children do not mistakenly map inherent lexical aspect to tense morphology.* Poster presented at the 11th International Congress for the Study of Child Language, Edinburgh, UK, July 28 - August 1, 2008.

Ninio, A. (2008, September). *Self-Organized Criticality and the properties of English*. Invited paper presented at the 5th European Conference on Complex Systems (ECCS 2008),   
Jerusalem, September 14-19, 2008.

Ninio, A. (2009, April). *Input-output relations in syntactic development based on large corpora*. Poster presented at the Biennial Meeting of the Society for Research in Child Development**, Denver, CO, April 2-4, 2009.**

Ninio, A. (2009, June). *On the quirky features of basic English syntax*. Invited talk at the "Problems in Linguistics" Colloquium of the Department of Linguistics, The Hebrew University of Jerusalem, June 16, 2009.

Ninio, A. (2009, November). *Local decisions and global similarity in language development*Talk given at the Colloquium of the Department of Psychology, The Hebrew University of Jerusalem, November 3, 2009.

Ninio, A. (2010, April). *Young children learn a native English syntax*. Conference on Human Development, Fordham University, New York City, NY, April 9-11, 2010.

Ninio, A. (2011, March). *Children learn syntax to express communicative intents*. Invited talk, Departmental Seminar, Department of Cognitive Science, the Hebrew University, Jerusalem, Israel.

Ninio, A. (2011, March).*When the output does not match the input: accumulation of uses for the verb have by young English-speaking children*. Paper presented at a symposium on Slow Mapping in the Acquisition of Vocabulary and Syntax, chaired by A. Ninio. The Biennial Meeting of the Society for Research in Child Development, Montreal, Canada, March 31, 2011.

Ninio, A. (2011, July). *Convergence of output to input in Stage I syntax of English-speaking children.* Paper presented at a symposium on Close Matching of Adult Input and Child Output in Morpho-Syntactic Development, chaired by P. Brooks. The 12th International Congress for the Study of Child Language, Montreal, Canada, July 21, 2011.

Ninio, A. (2011, July). *Parents' speech to young children: Additional dimensions of syntactic simplicity*. Poster presented at the Festschrift Poster Symposium in honor of Dr. Catherine Snow at the 12th International Congress for the Study of Child Language, Montreal, Canada, July 22, 2011.

Ninio, A. (2011, September). *Basic English for young children*. Invited talk, The Linguistics Speaker Series, University of Pennsylvania, Philadelphia, PA., September 22, 2011.

Ninio, A. (2013, October). *Grammar induction by young children.* Invited talk at the Machine Learning Seminar in the IMB R&D Labs in Israel, Tel-Aviv, Israel, October 16, 2013.

Ninio, A. (2014, July). *Lack of workable interactive formats for dyads of very young peers.* Paper presented at the 13th International Congress for the Study of Child Language, Amsterdam, The Netherlands, July 2014.

Ninio, A. (2015, March).*How to construct three-word-long sentences the generative way.* Paper presented at a symposium on Generative Grammar: Flexible Approaches to Early Development of Syntax, chaired by L. McCune. The Biennial Meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania, USA, March 21, 2015.

Ninio, A. (2015, March). *The first vocabulary of transitive verbs in Hebrew is apparently learned from single-word parental utterances*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania, USA, March 20, 2015. Full length writeup added online as complementary resource for the poster, available at <http://micro5.mscc.huji.ac.il/~msninio/1wd_longtext_online.docx>

Ninio, A. (2016, June). *A generative model of learning tested on a complex construction.* Invited talk at the **Séminaire de l’UMR 7023,** *Structures formelles du langage* research unit, the University of Paris-8, Vincennes St Denis, France.

Ninio, A. (2016, July). *The telegraphic antecedents of controlled-subject constructions*. Paper presented at a symposium on Multiplicity of learning strategies in language acquisition: Semantic and pragmatic effects, chaired by A. Ninio, at the 24th Biennial Meeting of the International Society for the Study of Behavioural Development (ISSBD), Vilnius, Lithuania, July 14, 2016.

Ninio, A. (2017, September). *Pathbreaking verbs for developing recursion in the speech of children acquiring English*. Talk presented at the International Symposium on Monolingual and Bilingual Speech 2017 (ISMBS 2017), Chania, Crete, Greece, September 5, 2017.

Ninio, A. (2018, September). *Modification is absent from three-word long sentences*. Poster presented at the 3rd Lancaster Conference on Infant and Early Child Development (LCICD 2018), Lancaster University, UK, September 5-7, 2018.

Ninio, A. (2018, September). *Differences in the learning of content words and function words at the start of language development*. Invited talk presented at the Departmental Colloquium, Department of Language and Linguistic Science, University of York, UK, September 10, 2018.

Ninio, A. (2019, August). *An explanation of the decisive role of function words in driving syntactic development.* Paper presented at the First International Workshop on Quantitative Syntax (Quasy), Syntax Fest 2019, The International Quantitative Linguistics Association (IQLA). Paris, France, August 26-30, 2019.

Ninio, A. (2019, September). *The reason why learning function words but not open-class words facilitates syntactic development*. Paper presented at the IX International Conference on Language Acquisition, The National University of Distance Education of Spain (UNED) and the Computense University of Madrid, Madrid, Spain, September 4-6, 2019.