May, 2016 VITA Thomas G. Bever

Education

Harvard College ‑ A.B., 1961

Massachusetts Institute of Technology ‑ Ph.D. 1967

Honors and Awards

NIH Predoctoral Fellowship ‑ 1962‑1964

*Elected to Harvard Society of Fellows ‑ 1964‑1967*

NSF Faculty Fellowship ‑ 1974‑1977 (Summers)

*Guggenheim Fellowship ‑ 1976/77*

Fellow, Center for Advanced Study in the Behavioral Sciences ‑ 1984/85

Chinese Society for Research in Foreign Language Teaching Award. (Given every 2 years), 2004

The Compassionate Friends Award – 2005 - “Compassionate employer of the year”

*The Alexander von Humboldt Senior Research Prize (Germany) – 2009*

Visiting Fellow, the Max Planck Institute for Cognition and Language, Leipzig: Summers 2010/11/12

IkerBasque Senior Fellowship Award (Spain) – 2010-12

*Regents’ Professor, University of Arizona, 2011 – present*

Teaching Experience

Assistant Professor, Rockefeller University, 1967-8, Associate Professor, 1969-70

Professor of Linguistics and Psychology, Columbia University, 1970‑1986

Pulse Professor of Psychology, University of Rochester, 1985‑1995

Professor of Linguistics, University of Rochester, 1985‑1995

*Professor of Linguistics, Neuroscience, Cognitive Science, Psychology, Education, BIO5. University of Arizona, 1995 ‑ present*

Visiting Professor, USC, Spring 2005

Visiting Professor, University of Leipzig, Fall 2005

Visiting Professor, University of California, Irvine, Spring 2006

Professor, CUNY summer linguistics program: St Petersburg University, Summer, 2011

Visiting Professor, Vitoria University, Summer, 2011

Visiting Professor, Carleton University (Ottawa), Spring 2013.

Administrative‑Academic Activities

*Founder and Associate Editor, Cognition, 1973‑2004.*

*Founder/Head, Columbia Interdisciplinary Ph.D. Program in Psychology and Linguistics, 1973‑1986*

Columbia College Departmental Representative (The advisor for undergraduate college majors) 1971‑1974

Columbia School of General Studies Representative (The advisor for adult undergraduate majors), 1975‑1985: Head, Language and Cognition Program, University of Rochester, 1986‑1990; 1992‑1994

Director, Cognitive Science Program, University of Rochester, 1991‑1992

*Founder/Director, Center for the Sciences of Language, University of Rochester, 1988‑1995*

*Head, Department of Linguistics, University of Arizona, 1998-2002*

Director, CUNY Sentence Processing Conferences, 1998, 2005

*Elected U of A university-wide member, committee on Interdepartmental Programs, 2007-2010*

T.G.Bever 2008/16 PUBLICATION ACTIVITY

Bever, T.G., (2008) The canonical form constraint: language acquisition via a general theory of learning. In Guo et al, *Cross-linguistic approaches to the psychology of language.*  (Oxford University Press) pp.475-492

Piatelli-Palmarini, M., Hancock, R. & Bever, T.G., (2008) Comentary *Behavioral and Brain Sciences*, 31:530-531 Cambridge University Press

Lin, C-J. C., and Bever, T. G. (2008). Subject preference in the processing of relative clauses in Chinese. In *Proceedings of the 25th West Coast Conference on Formal Linguistics,* ed. Donald Baumer, David Montero, and Michael Scanlon, 254-260. Somerville, MA: Cascadilla Proceedings Project.

 Hauser, M. and Bever, T.G. (2008) Biolinguistics and the Science of Language, *SCIENCE:* 322 14, pp. 1057 – 1059.

 Bever, T.G. (2009). The individual and universal in language. In Piatelli, M. *Of minds and language: the Basque country encounter with Noam Chomsky.* Oxford University Press. Pp. 278-295.

 Bever, T.G. (2009). “ Biolinguistics today and Platonism yesterday”. In [*Time and Again*](http://www.benjamins.nl/cgi-bin/t_bookview.cgi?bookid=LA%20135)*,* Lewis, William D., Simin Karimi, Heidi Harley and Scott O. Farrar (eds.), pp. 227–232.

 Bever, T. G., (2009) Minimalist Behaviorism: the role of the individual in explaining language universals. In Christiansen, M. Collins & Edelman, S. (Eds.) *Language Universals* (Oxford University Press). Pp. 270-298

Hancock, R., and Bever, T.G. (2009), The study of syntactic cycles as an experimental science. In E. vanGelderen Ed., *Syntactic Change.* John Benjimans, pp.215-241

Bever, T.G., (2009) All language comprehension is a psycholinguistic guessing game: explaining the still small voice. In, Anders, P. (Ed), *Issues in the present and future of reading.* Pp. 249-281 Routledge

Williams, Clay and Bever, T.G. (2010) Chinese Character Decoding: a Semantic Bias. *Journal of Reading and Writing,* 23, pp 589-695

Lin, Chien-Jer Charles & Bever, Thomas G. (2010). “Garden Path in the Processing of Head-Final Relative Clauses.” In Hiroko Hashimoto, Jerry Packard, & Yuki Hirose (eds.) *Processing and Producing Head-Final Structures.* pp. 314-342. Springer Verlag.

 Bever, T.G., and Peoppel, D. (2010) Analysis by synthesis: a current analysis and synthesis. *Biolinguistics* 4.2-3, pp 172-199

Di Sciullo, Anna Maria, Massimo Piattelli-Palmarini,  Kenneth Wexler,  Robert C. Berwick,  Cedric Boeckx,  Lyle Jenkins,  Juan Uriagereka,  Karin Stromswold,  Lisa Lai-Shen Cheng,  Heidi Harley,  Andrew Wedel,  James McGilvray,  Elly van Gelderen  &  Thomas G. Bever. 2010. The biological nature of human language. *Biolinguisics* 4. pp 4-34.

Chan, S.-h., Ryan, T. and Bever, T.G., (2011) Role of the striatum in language: Syntactic and conceptual sequencing. *Brain & Language* (2011), doi:10.1016/j.bandl.2011.11.005

Bever, T.G. (2012) Two Lessons from Psycholinguistics for Second Language Learning. In Sanz, M. and Gonzales J, (Eds.) *Advances In The Sciences Of Language And Their Application To Second Language Teaching.* Cambridge Scholars Press. Pp. 89-107

Bever, T.G., (2012) Three Aspects of the Relation between Lexical and Syntactic Knowledge. in Berwick, R. and Piatelli-Palmarini, (Eds.), *Rich Language from Poor Inputs.* Oxford University Press pp. 184-193

Bever, T.G (2013, 2015), The biolinguistics of language universals: The next years. In [Montserrat Sanz](http://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Montserrat+Sanz&search-alias=books&text=Montserrat+Sanz&sort=relevancerank), [Itziar Laka](http://www.amazon.com/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=Itziar+Laka&search-alias=books&text=Itziar+Laka&sort=relevancerank), [Michael K. Tanenhaus](http://www.amazon.com/Michael-K.-Tanenhaus/e/B00J5YVECK/ref%3Ddp_byline_cont_book_3) (Eds,) *Language Down the Garden Path: The Cognitive and Biological Basis of Linguistic Structures*, Oxford University Press. Pp. 235-405.

Hancock, R. and Bever, T.G. (2013) Genetic factors and normal variation in the organization of language. *Biolinguistics.* Vol. 7, pp. 75-95.

Bever, T.G., (1970, 2013) The Cognitive Basis for Linguistic Structures. In Laka, I. ,Sanz, M. and Tanenhaus, M. (Eds), *Cognition and Language: enduring themes*. Oxford University Press.

O’Bryan, E. L., Folli, R., Harley, H., & Bever, T. G. (2013) Event structure affects the comprehension of structurally ambiguous sentences. in Roberto Almeida & Christina Manouilidou (Eds) *Verb concepts*. Oxford University Press

 D’Ausilio, A., Berry, J., Bever, T.G., and Fadiga, L. (2013) Listener-speaker articulatory distance predicts the degree of motor contribution to speech perception. *Cerebral Cortex*.

Sun, Xiaoxia, Hancock R. & Bever, T.G (2014) Is Subject Relatives Preference Universal? – ERP evidence from Chinese relative clause processing. *Chinese Journal of Applied Linguistics*

Nicholas, C., & Bever, T.G. (2016) The Aesthetics of Visual Form: The Golden Section Rectangle Enhances Depth Perception. *Language and Cognition.*

Bever, T.G. (In press). The unity of consciousness and the consciousness of unity. In Almeida, R. and Gleitman, L. The mind and its thoughts. Oxford University Press.

Bever, T.G., Medeiros, D. & Piattelli-palmarini, M. (in press) Many important language universals are not reducible to processing or cognition. *Brain and Behavioral Sciences*.

Lin, C and Bever, T. G. (Under requested revision) Chinese is no exception: Subject-extracted relative clauses are easier to process across languages. (*Cognition*).

Hancock, R., Friederici, A., Lohman, G., Chan, S-h, Ryan, L. and Bever, T.G. (In preparation) Low frequency networks for conceptual vs. syntactic sequencing and familial sinistrality.

Sammler, D., Hancock, R., Friederici, A. and Bever, T.G., (In preparation) Genetic factors in the cerebral asymmetries for language and music.

ISSUED PATENTS 2008-2016

Bever, T. G., & Robbart, J. ( 2010). *System and method of formatting text according to phrasing*. U.S. Patent No. 7,743,324. Washington, DC: U.S. Patent and Trademark Office.

* Bever, T.G, Nicholas, C. Jandreau J., Lamendola C, Hancock R. (2012) System, plug-in, and method for improving text composition by modifying character prominence according to assigned character information measures, Patent, 8,755,629
* Bever, T. G., & Robbart, J. (2012). *System and method of formatting text*. US Patent No. 8,209,601. Washington, DC: U. S. Patent and Trademark Office

 Bever, T.G, Nicholas, C. Jandreau J., Lamendola C, Hancock R. (2014) General system, plug-in, and method for improving text composition by modifying character prominence according to assigned character information measures, Patent, 8,306,356 *Spring 2014*

Publications – 1963 - 2007

PSYCHOLOGY AND COGNITIVE SCIENCE

 Bever, T.G. (1992). The demons and the beast ‑ Modular and nodular kinds of knowledge. In R. Ronan & N. Sharkey (Eds.), *Connectionist approaches to natural language processing*. Lawrence Erlbaum (UK).

 Bever, T.G. (1988). The psychological reality of grammar: a student's eye view of cognitive science. In W. Hirst (Ed.), *The making of cognitive science* Cambridge University Press.

 Lachter, J., & Bever, T.G. (1988). The relation between linguistic structure and associative theories of language learning‑‑A constructive critique of connectionist learning models. *Cognition*, 28, 195‑247.

Bever, T.G. (1987). The aesthetic basis for cognitive structures. In W. Brand & R. Harnish, (Eds.), *The representation of knowledge and belief* (pp. 314‑356). University of Arizona Press.

 Bever, T.G. (1984). The road from behaviorism to rationalism. In H.L. Roitblat, T.G. Bever, & H.S. Terrace (Eds.) *Animal cognition* (pp. 61‑73). Hillsdale, NJ: Lawrence Erlbaum Associates.

 Bever, T.G. (1982). Some implications of the non‑specific bases of language. In

L. Gleitman, L. and E. Wanner (Eds.), *Language development ‑ the state of the art* (pp. 429‑449). Cambridge University Press.

 Katz, J.J., & Bever, T.G. (1976). The fall and rise of empiricism. In T.G. Bever, J.J. Katz, & D.T. Langendoen (Eds.), *An integrated theory of linguistic ability.* New York: T.Y. Crowell Press.

Bever, T.G. (1975). Some theoretical and empirical issues that arise if we insist on distinguishing language and thought. In D. Aaronson & F. Rieber (Eds.), *Developmental psycholinguistics and communication disorders.* New York Academy of Science, 263.

 Bever, T.G. (1974). The psychology of language and structuralist investigations of nativism. In G. Harmon, (Ed.), *On Noam Chomsky: Critical essays* (pp. 146‑164). Anchor Press.

Bever, T.G. (1970). The cognitive basis for linguistic structures. In R. Hayes (Ed.), *Cognition and language development* (pp. 277‑360). New York: Wiley & Sons, Inc.

 Bever, T.G., Fodor, J.A., & Garrett, M. (1968). A formal limitation of associationism. T.R. Dixon & D.L. Horton (Eds.), *Verbal behavior and general behavior theory.* Prentice‑Hall, Inc.

Mehler, J., & Bever, T.G. (1968). The study of competence in cognitive psychology. *International Journal of Psychology,* 1968, 3(4), 273‑280.

 Mehler, J., & Bever, T.G. (1968). Quantification, conservation, and nativism: *Science*, 162, 979‑981.

Cerebral Dominance and Neurolinguistics

Townsend, D.J., Carrithers, C., & Bever, T.G. (2001). Familial Handedness and Access to Words, Meaning, and Syntax during Sentence Comprehension. *Brain and Language,* 78, 308-331.

 LaMendola, N. and Bever, T.G. (1997). Peripheral and Cerebral Asymmetries in the Rat. *Science*, Vol. 278, 17 October 1997, pp.483-486.

 Bever, T.G., Carrithers, C., Cowart, W., & Townsend, D.J. (1989). Language processing and familial handedness. In A. Galaburda (Ed.), *From neurons to reading*. Cambridge, MA: MIT Press.

 Bever, T.G., Carrithers, C., & Townsend, D.J. (1987). A tale of two brains ‑or‑ The sinistral quasimodularity of language. In Proceedings of the Ninth Annual Cognitive Science Society Meetings (pp. 764‑773), Lawrence Erlbaum Associates.

 Bever, T.G. (1983). Cerebral lateralization, cognitive asymmetry, and human consciousness. In E. Perecman and J. Brown (Eds.), *Cognitive processing in the right hemisphere* (19‑39). New York: Academic Press, New York.

Bever, T.G. (1980). Broca and Lashley were right: cerebral dominance is an accident of growth. In D. Kaplan, & N. Chomsky, (Eds.), *Biology and language* (186‑232). Cambridge, MA: MIT Press.

Kellar, L.A., & Bever, T.G. (1980). Hemispheric asymmetries in the perception of musical intervals as a function of musical experience and family handedness background. *Brain and Language*, 10, 24‑38.

 Bever, T.G. (1975). Cerebral asymmetries in humans are due to the differentiation of two incompatible processes: Holistic and analytic. In D. Aaronson, & R. Rieber, R. (Eds.), *Developmental psycholinguistics and communication disorders,* New York Academy of Sciences, 263, 76‑86.

 Bever, T.G., Hurtig, R., & Handel, A. (1976). Analytic processing elicits right ear superiority in monaurally presented speech. *Neuropsychologia,* 14, 175‑181.

 Bever, T.G., & Chiarello, R.J. (1974). Cerebral dominance in musicians and nonmusicians. *Science,* 185, 137‑139. Reprinted as a “classic article” in *The Journal of Neuropsychiatry*, 2008

Bever, T.G. (1971). The nature of cerebral dominance in speech behaviour of the child and adult. In E. Ingram & R. Huxley (Eds.), *Mechanisms of language acquisition* (pp 231‑261). New York: Academic Press.

Comparative

 Bever, Thomas and Montalbetti, Mario. (2002). Noam’s Ark. *Science,* VOL 298, 1565-1566.

 O'Connor, K.N., Roitblat, H.L., & Bever, T.G. (1983). Auditory sequence complexity and hemispheric asymmetry of function in rats. In H.L. Roitblat (Ed.), *Studies in animal behavior*. Hillsdale, NJ: Lawrence Erlbaum Assoc.

Roitblat, H.L., Bever, T.G., Harley, H.E., & Helweg, D.A. (1991). Online choice and the representation of serially structured stimuli. *Journal of Experimental Psychology: Animal Behavior Processes*. Vol 17 (1), Jan, p. 55-67

Roitblat, H.L., Scopatz, R.A., & Bever, T.G. (1987). The hierarchical representation of three‑item sequences.  *Animal Learning and Behavior,* 15(2), 179‑192.

Bever, T.G., Straub, R.O., Terrace, H.S., & Townsend, D.J. (1980). The comparative study of serially integrated behavior in humans and animals. In P. Jusczyk, & R. Klein, R. (Eds.), *The nature of thought: Essays in honor of D.O. Hebb.* Hillsdale, NJ: Lawrence Erlbaum Associates.

* Terrace, H.S., Petitto, L. A., Sanders, R. J., & Bever, T. G. (1980). On the grammatical capacity of apes. In K. Nelson (Ed.), Children's Language, Volume 2 Gardner Press, pp. 371-495,

 Terrace, H.S., Pettito, L.A., Sanders, R.J., & Bever, T.G. (1979). Can an ape create a sentence? *Science*, 206, 891‑902.

 Straub, R.O., Seidenberg, M.S., Bever, T.G., & Terrace H.S. (1979). Serial learning in the pigeon. *Journal of the Experimental Analysis of Behavior,* 32, 137‑148, 1979.

Terrace, H.S., & Bever, T.G. (1976). What might be learned from studying language in a chimpanzee? The importance of symbolizing oneself. *Annals of the New York Academy of Science*, 280, 579‑588

PSYCHOLOGY

Cognition and Language Development

Ross, D. S., & Bever, T. G. (2004). The time course for language acquisition in biologically distinct populations: Evidence from deaf individuals. *Brain & Language,* Vol. 89, 115-121.

Mintz, T., Newport, E., & Bever, T.G. (2002). The distributional structure of grammatical categories in speech to young children. *Journal of* *Cognitive Science*. Vol. 26/4, pp 393-425.

Aslin, Woodward, LaMendola & Bever (1996). Models of word segmentation in fluent maternal speech to infants. In J.L. Morgan & K. Demuth (eds.), *Signal to Syntax*. Mahwah, NJ: LEA (pp. 117-134).

 Mintz, T., Newport, E. and Bever, T.G., Distribution-based discovery of lexical categories in motherese. (1995). In the proceedings of the New England Linguistic Society.

Bever, T.G. (1992). The Logical and Extrinsic Sources of Modularity in M. Gunnar & M. Maratsos (Eds.) Modularity and Constraints in Language and Cognition. Vol. 25 of the Minnesota Symposia on Child Psychology, 1992. Earlbaum.

Moon, C., Bever, B.T., & Fifer, W.P. (1992) Canonical and noncanonical syllable discrimination by 2‑day‑old infants. *Journal of Child Language.*  [Volume 19](http://journals.cambridge.org/action/displayJournal?jid=JCL&volumeId=19&bVolume=y#loc19), [Issue 01](http://journals.cambridge.org/action/displayIssue?jid=JCL&volumeId=19&seriesId=0&issueId=01), pp 1-17

Bever, T.G., & Hansen, R.E. (1988). The induction of mental structures while learning to use symbolic systems. In Proceedings of the Tenth Annual Meeting of The Cognitive Science Society, Hillsdale, NJ: Lawrence Erlbaum Assoc.

Gergely, G., & Bever, T.G. (1986). Relatedness intuitions and the mental representation of causative verbs in adults and children. *Cognition,* 23, 211‑277.

Bever, T.G. (1982). Regression in the service of development. In Bever et al. (Eds.), *Regression in child development* (pp 153‑188). Hillsdale, NJ: Lawrence Erlbaum.

Slobin, D.I., & Bever, T.G. (1982). Children use canonical sentence schemas: A crosslinguistic study of word order and inflections. *Cognition*, 12, pp. 229‑265.

Bever, T.G. (1981). Normal acquisition processes explain the critical period for language learning. In K.C. Diller (Ed.), *Individual differences and universals in language learning aptitude* (pp. 176‑198). Rowley, MA: Newbury House Pub., Inc.

Townsend, D.J., Ottaviano, D. & Bever, T.G. (1979). Immediate Memory for Words from Main and Subordinate Clauses at Different Age Levels. *Journal of Psycholinguistic Research*, 8(1), pp. 83‑101, 1979.

 Bever, T.G. (1975). Psychologically real grammar emerges because of its role in language acquisition. In D.P. Dato (Ed.), *Developmental psycholinguistics: Theory and applications* (pp. 63‑75). Georgetown University Round Table on Languages and Linguistics.

Pertz, D.L., & Bever, T.G. (1975). Sensitivity to phonological universals in children and adolescents. *Language*, 51, 149‑162.

Bever, T.G. (1970). The comprehension and memory of sentences with temporal relations. In S. Levelt, S.& G. Flores d'Arcais (Eds.), *Advances in psycholinguistics* (pp. 312‑316). North Holland.

Bever, T.G., Mehler, J., & Epstein, J. (1968). What children do in spite of what they know. *Science*, 162, 921‑924.

 Mehler, J., & Bever, T.G. (1967). Cognitive capacity of very young children. *Science*, 141, 141‑142.

 Bever, T.G., Fodor, J.A., & Weksel, W. (1965). On the acquisition of syntax: a critique of contextual generalization. *Psychological Review,* 72, 467‑482.

Bullowa, M., Jones, L.B., & Bever, T.G. (1964). The development from vocal to verbal behavior in children. (Presented at SSRC Conference on First Language Learning, 1961). In U. Bellugi & R. Brown (Eds.), *Monographs of the Society for Research in Child Development,* 29, 101‑11

PSYCHOLINGUISTICS

Jackson, S.R., Townsend, D.J., and Bever, T.G. (2005) Separating similar effects of conjunction and intonation in the resolution of lexical ambiguity. *Studia Linguistica* 59(2/3), pp.259

Bever, T.G., & Townsend, D.J., (2001). Some sentences on our consciousness of sentences. In R. Dupoux (Ed.), *Language, Brain and Cognitive Development*. Pp. 145-155. Cambridge, MA, MIT Press.

Townsend, D.J., Hoover, M., & Bever, T.G. (2000). Word Monitoring Tasks Interact With Levels Of Representation During Speech Comprehension, *Journal of Psycholinguistic Research,* 29, 265-274.

Bever, T.G., Sanz, M., & Townsend, D.J. (1998). The Emperor’s Psycholinguistics. *Journal of Psycholinguistic Research,* Vol. 27, No. 2, 1998.

Bever, Thomas G., (1996). Experimental psycholinguistics: Then, now and thence. In Willem J.M. Levelt (Ed.), *Advanced Psycholinguistics,* (pp.7-16). Max Planck Institute, Nijmegen.

Townsend, D.J., & Bever, T.G. (1991). The use of higher‑level constraints in monitoring for a change in speaker demonstrates functionally distinct levels of representation in discourse comprehension. *Language and Cognitive Processes*, 6(1), 49‑77.

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Gerken, L.A., & Bever, T.G. (1986). Linguistic intuitions are the result of interactions between perceptual processes and linguistic universals. *Cognitive Science*, 10, 457‑476.

Janus, R.A., & Bever, T.G. (1985). Processing of metaphoric language: an investigation of the 3‑stage model of metaphor comprehension. *Journal of Psycholinguistic Research*, 14(5), 473‑489.

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 Bever, T.G., & Carroll, J.M. (1981). On some continuous properties in language. In T. Myers, J. Laver, & J. Anderson (Eds.), *The cognitive representation of speech* (225‑234). North‑Holland.

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 Tanenhaus, M.K., Carroll, J.M., & Bever, T.G. (1976). Sentence‑picture verification models as theories of sentence comprehension: A critique of Carpenter and Just. *Psychological Review*, 83, 310‑317.

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 Carroll, J.M., Tanenhaus, M.K., & Bever, T.G. (1978). The perception of relations: the interaction of structural, functional, and contextual factors in the segmentation of sentences. In W.J.M. Levelt and G. Flores d'Arcais (Eds.), *Studies in the perception of language* (pp. 187‑218). New York: Wiley.

Townsend, D., & Bever, T.G. (1978). Interclause relations and clausal processing.  *Journal of Verbal Learning and Verbal Behavior,* 17, 509‑521.

 Bever, T.G., Garrett, M.R., & Hurtig, R. (1976). Projection mechanisms in reading, or when the journal review process fails. *Journal of Psycholinguistic Research*, 5, 215‑226.

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of syntactic structure on the location of brief noises during sentences. *Journal of Psycholinguistic Research*, 2, 287‑288.

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 Savin, H.B., & Bever, T.G. (1970). The nonperceptual reality of the phoneme. *Journal of Verbal Learning and Verbal Behavior,* 9, 295‑302.

 Carey, P., Mehler, J., & Bever, T.G. (1970). Judging the veracity of an ambiguous sentence. *Journal of Verbal Learning and Verbal Behavior,* 9, 243‑254.

Mehler, J., Carey, P., & Bever, T.G. (1970). When do we compute all the interpretations of ambiguous sentences? In G. D'Arcais, G. & W. Levelt (Eds.), *Advances in psycholinguistics* (pp. 201‑259). North Holland Publications.

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 MacKay, D.G., & Bever, T.G. (1967). In search of ambiguity. *Perception and Psychophysics*, 2, 193‑200.

Garrett, M., Bever, T.G., & Fodor, J.A. (1966). The active use of grammar in speech perception. *Perception and Psychophysics,* 1, 30‑32.

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Reading

Zhenqian, Liu, Bever, Thomas G. (2005) An experimental study of the function of syntactic analysis in reading comprehension. *Foreign Language Teaching and Research.* (Chinese English Language Association Journal). Pp. 44-67. (This paper won first prize for the best education research article in china, 2003-4).

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Bever, T. G., Jandreau, S., Burwell, R. , Kaplan, R., & Zaenan, A. (1990). Spacing printed text to isolate major phrases improves readability. *Visible Language*, 25, 74–87.

 Townsend, D.J., Carrithers, C., & Bever, T.G. (1987). Listening and reading processes in college and middle school‑age readers. In R. Horowitz, & S.J. Samuels (Eds.), *Comprehending oral and written language* (pp. 217‑242). New York: Academic Press.

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Bever, T.G., Smith, M., Bengen, G., & Johnson, T. (1975). Young viewers' troubling response to TV ads. *Harvard Business Review*, 53(6), 109‑120.

Bever, T.G., & Mehler, J. (1974/75). Reason and unreason. *Cognition*, 3, 79‑81.

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H.L. Roitblat, T.G. Bever, & H.S. Terrace (Eds.) (1984). *Animal cognition*. Hillsdale, NJ: Lawrence Erlbaum Associates.

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PATENTS (prior to 2008)

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INVITED UNIVERSITY-EXTERNAL PRESENTATIONS, 2015 – 2009

2015

*Three lectures on current issues in psycholinguistics.* University of Maryland; departments of Linguistics, Cognitive Science, Psychology

2014

*Fibonacci, The Golden Mean, and Natural Law in Vision and Language.* Institute for Mathematical Behavioral Sciences, UCIrvine, .

*Normal variation in the behavior and neurology of language: Implications for genetic modularity of mind and brain,* Center for Life Sciences, UCIrvine, .

*Aesthetics and Experimental Investigations*. Inaugural Conference: Max Planck Institute On Experimental Aesthetics, Frankfurt Germany, plenary talk.

*Different modes of knowing language*. The Higher School of Economics, Moscow. .

*What every linguist knew about psychology in 1926*. Ling.Soc.America talk for special symposium. Minneapolis.

2013

 *Neurological variation in core knowledge of language*. Lorentz Center Conference On Core Knowledges: Cognitive Science Today. Leiden, Holland. /Plenary Speaker;

 *Aesthetics and depth perception*. *colloquium* University of Rochester, Brain and Cognitive Science colloquium.

*Genetic differences in language behaviour and neurology*. Cornell University, Cognitive Science program.

*5 lectures on language and cognition*. Carleton University, Ottawa - Visiting Cognitive Science Professorship. Carleton University.

2012

 *5 lectures on language universals*. Short Course At Vittoria University. Linguistics Dept. U. of Vittoria, Spain.

*8 lectures on language processing*. Intensive Course; Suny/St.P. Linguistics Summer School. University of St. Petersburg, Russia: SUNY-Stoneybrook/University of S. Petersburg.

*Bilingjualism and different brains: colloquium: Potsdam University*. Potsdam University, Germany.

*Genetic variation in the neurology of music and language*. *Auditory Communication Neuroscience Society*.

*Music, Language and the brain*. Music, Language And Cognition: Cologne University Conference. University of Cologne, Cologne, Germany: plenary speaker.

*Normal Variation in the Neurology of Language - Plenary Talk*. Thirtieth Bressanone Workshop On Cognitive Neuropsychology*:*. Bressanone, Italy. plenary speaker.

2011

*The genetics-neuroscience-cognitive science nexus* Communication Neuroscience Society. Tucson, .

*Where do Linguistic Universals Come From* Conference West Coast Conference Formal Linguistics. Keynote speaker.

*Bilingualism and language policy* Conference: TOOLKIT workshop Comparing Lingua-Franca-Esperanto-Lingua Receptiva, University of Amsterdam, Netherlands.

*Language genetics and linguistic representation* Location: Max Planck Institute on psycholinguistics, Nijmegen. .

*Hemispheric relations and language behaviour* Max Planck Institute for cognition and language. Leipzig. .

Why are there universals of language? Max Planck Institute for Linguistics, Leipzig.

*Genetic variation in the neurology of language* Basque Center for Brain and Language, San Sebastian Spain.

*Familial left handedness in right-handers changes neurological organization for language & cognition*. European Cognitive Science Society. San Sebastian Spain.

*Low Frequency Networks for Syntactic and Conceptual Processing* UA/ASU joint cognitive science conclave.

*The study of Derivations - the next 50 years* MIT Linguistics 50th Anniversary Conference. Interdisciplinary. plenary talk.

2010

*The Golden Mean and Perception*. Facultad de Psicología, Universidad Autónoma de Madrid. .

*Familial handedness and language processing* Centro Superior de Investigaciones Científicas (CSIC), Madrid.. .

*Psycholinguistics and Educational implications* Conference: Advances in the Sciences of Langauge and their Application to Language Teaching. Universidad Nacional de Educación a Distancia (UNED) (Centro Asociado de Segovia) and Universidad Autónoma de Madrid.. . Plenary talk,

*The influence of Familial Handedness on language processing* Max Planck Institute on Neurology and Cognition Leipzig. .

*The learning basis for linguistic universals* The Max Planck Institute for Cognition and Sociology, Leipzig. .

*Where do Linguistic Universals Come fro*m? Conference. 40 years down the garden path.

San Sebastian, plenary talk.

*Cerebral asymmetries and familial handedness* Brain, Cognition and Behavior Laboratory, San Sebastian Spain. ConferenceWorkshop on language processing. .

*Familial Sinistrality Effects in Probe Word Recognition* Conference: Society for Neurolinguistics San Diego

2009

*New Methods to Represent Segmental Information in Print*: Conference: International Reading Association, annual meeting. .

*Extrinsic and Intrinsic Constraints on Language Acquisition – Language Acquisition as a Series of Revolutions* - Osnabrueck Conference: Annual meeting of the German Linguistics Society DGfS.

*Two goals for psycholinguistics* - UCSD (University) Location: UCSD - linguistics department. .

*Familial handedness and language processing* - UCSD (University)Location: UCSD - Cognitive Science Program. .

*Familial Handedness and motor behavior* – Annual Morris Symposium: Motor Control and Language. SUNY- Stony Brook. .

*Final rapportage on the conference* – Annual Morris Symposium: Motor Control and Language. SUNY- Stony Brook. .

*Canonical forms, universals and Heritage Language Learners* – Conference: 3rd Conference on Heritage Language . Champaign, Illinois.

*The hand that rocks the cradle rules the brain*: Beckman Institute - University of Illinois. .

*Productive and neurological constraints on language universals*: Italian Technical Institute - Genoa Italy. .

*The hand that rocks the cradle rules the mind*: University of Ferrara, Italy .

*Three implications of the work of Carol Chomsky*: Conference: Complex language from simple input. MIT. .

SECULAR ACTIVITIES (Selected)

President, Vice President, Treasurer: El Encanto Neighborhood Association (Elected to different offices): 1998-present

 Member: Tucson Military-Community-Relations-Committee 2009-present

 Chairman of the Board: Language Technologies Inc. Tucson Arizona