

The Acquisition of Wh-Movement by Adult Chinese Speakers of L2 English

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ABSTRACT

ABSTRACT This study is an attempt to investigate the acquisition of English Wh-Movement by adult learners using two approaches: a written test and a questionnaire. The participants were 42 adult students from Civic Community College and Yuanlin Community College, both in Changhua. The research was conducted during one semester over eighteen weeks. Results show that Taiwanese adult EFL students committed many syntactic errors in the production of English sentences. In an attempt to account for these errors, the study applies the Chomskyan theory of Universal Grammar to the analysis of differences between certain syntactic structures in Chinese and English. Tree diagrams are employed to illustrate different parameter settings in the respective languages. The main findings are: (1) Wh-parameter poses difficulties for adult Chinese Native Speakers learning in a community college. (2) L1 influences adult students syntactic errors made in the production of English interrogative structures. (3) Most adult EFL learners in basic classes want the English instructor to instruct English grammar in their L1. Finally, the thesis offers recommendations and suggestions for reducing the high rate of syntactic errors made by students learning English in Taiwan. **Keywords:** Chomsky, Universal Grammar (UG), principles and parameters, Wh-movement, Second Language Acquisition (SLA), L1 transfer.

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REFERENCES

- REFERENCES Andre, J. S. (1992). *The Rights & Wrongs of English*. Taipei: Shu-Lin Publishing Company.
- Bickerton, D. & Givo ' n, T. (1976). Pidginisation and syntactic change: from SVX and VSX to SVX. In S. Stever, C. Walker & S. Mufwene (Eds.). *Papers from the Parasession on Diachronic Syntax*. Chicago: Chicago Linguistic Society.
- Birdsong, D. (Ed.) (1999). *Second Language Acquisition and the Critical Period Hypothesis*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Bley-Vroman, R.W. (1989). What is the logical problem of foreign language learning? In S. Gass, & J. Schachter, (Eds.). *Linguistic perspectives on second language acquisition*. Cambridge: Cambridge University Press.
- Bloomfield, L. (1993). *Language* (p.43). New York: Holt.
- Braidi, S. M. (1999). *The Acquisition of Second Language Syntax* (pp. 63-68). London: Aronold.
- Brown, H. D. (2001). *Teaching by Principles: An Interactive Approach to Language Pedagogy* (2nd Ed.). New York: Longman.
- Brown, K. & Miller, J. (1980). *Syntax: A Linguistics Introduction to Sentence Structure* (pp. 130-131). London: Harper Collins Academic.
- Broughton, G. et al. (1987). *Teaching English as a Foreign Language*. London: Routledge & Kegan Paul.
- Brown, R. (1973). *First Language*. Cambridge MA: Harvard University Press.
- Brumfit, C. (1984). *Communicative Methodology in Language Teaching*. Cambridge: Cambridge University Press.
- Bunton, D. (1989). *Common English Errors of Chinese Students*. Hong Kong: Longman.
- Canning, D. (Ed.) (1986). *Common Mistakes of Chinese Students in English Usage*. Taipei: Crane Publishing Company.
- Cattel, R. B. (1963). Theory of fluid and crystallized intelligence: A critical experiment. *Journal of Educational Psychology*, 54, 1-22.
- Cheng, M. W. (2007). *The Impact of Automatic Speech Technology on Contrastive Stress among Adult EFL Master ' s thesis*. Da-Yeh University.
- Chang, C. S. (2004). *Jiao Yu Xin Xue (Educational Psychology)*. Taipei: Tun-Hua Book Store.
- Chang, D. Y. (2001). *She Qyu Da Xue (Community College: Theory and Practice)*. Taipei: Teacher ' s University Publisher.
- Chao, Y. R. (1968). *A Grammar of Spoken Chinese*. Berkeley: University of California Press.
- Chiu, H. C. (1994). *Vocabulary Teaching and Learning in Taiwan*. Master thesis. University of Essex.
- Chomsky, N. (1955). *The logical structure of linguistic theory*. Unpublished manuscript, subsequently published as Chomsky 1975.
- (1965). *Syntactic Structures*. Mouton: Hague.
- (1975). *The Logical Structure of Linguistic Theory*. New York: Plenum.
- (1980). ' On binding ', *Linguistic Inquiry* 11: 1-46.
- (1986b). *Barriers*. Cambridge: MIT Press Mass.
- (1999). *Derivation by Phase*. MIT Occasional Papers in Linguistics. Cambridge: MIT Press Mass.
- Clahsen, H. & Muysken, P. (1986). The availability of Universal Grammar to adult and child learners- a study of the acquisition of German word order. *Second Language Research* 2, 93-119.
- Cook, V. J. (1991). *Second Language learning and Language Teaching* (pp.116-117). London: Edward Arnold.
- (1993). *Linguistics and Second Language Acquisition*. (pp.51-156). London: Macmillan.
- (1994). Chomsky ' s Universal Grammar: An Introduction (p.56). Oxford: Blackwell.
- (2001). *Second Language Learning And Language Teaching* (p.12). London: Edward Arnold.
- Corder, S. P. (1974). *Error analysis and remedial teaching*. Budapest.
- (1981). *Error Analysis and Interlanguage* (pp.1-6). London: Oxford University Press.
- Crystal, D. (2003) (5th Ed.). *A Dictionary of Linguistics & Phonetics* (pp. 83-422). Cambridge: Blackwell.
- Culicover, P. W. (1997). *Principles and Parameters: An Introduction to Syntactic Theory*. London: Oxford University Press.
- Dornyei, Z. (1994). Motivation and motivating in the foreign language classroom. *The Modern Language Journal*. Volume 78, Number 3, 273-284.
- Dulay, H. et al. (1982). *Language Two*. Oxford: Oxford University Press.
- Dulay, H. and Burt, M. (1973). Should we teach children syntax? *Language Learning* 23, 245-58.
- (1974). Natural sequences in child second language acquisition. *Language Learning* 23, 245-58.
- DuPlessis, J. Solin, D., Travis, L. & White, L. (1987). UG or not UG, that is the question: a reply to Clahsen & Muysken. *Second Language Research* 3, 56-75.
- Diller, K. C. (Ed.). (1981). *Individual Differences & Universals in Language learning Aptitud*.
- Rowley: Dewberry House.
- Elgin, S. H. (1979). *What is Linguistics?* NJ: Prentice-Hall.
- Ellis, R. (1986). *Understanding Second Language Acquisition*. Oxford: OUP.
- (1990). *Instructed Second Language Acquisition*. Oxford: Blackwell.
- (1992). *Second Language Acquisition and Language Pedagogy*. Clevedon: Multilingual Matters.
- Flynn, S. (1987). A parameter-setting model of L2 Acquisition: experimental studies in anaphora. Dordrecht: Reidel.
- Fromkin, V. & Rodman, R. (1998). *An Introduction to Language*. NY: Harcourt.
- Gardner, R. C. (1985). *Social Psychology and Second Language Learning: The Role of Attitudes and Motivation* (p.2).
- London: Edward Arnold.
- Gass, S. M. & Selinker, L. (Eds.) (1983). *Language Transfer in Language Learning*. Rowley Mass: Newbury House.
- Gibaldi, J. (2004). *MLA Handbook for Writers of Research Paper*. Taipei: Bookman.
- Gingras, R. C. (Ed.) (1978). *Second-Language Acquisition and Foreign Language Teaching*. Arlington Va: Centre for Applied Linguistics.
- Guo, C. W. (2001). The development of Community College from local learning. Paper presented at The Third of Community College Conference in Taiwan, 7-9. (English equivalent) Haegeman, L. (2nd Ed.). (1994).

Introduction To Government & Binding Theory. Oxford: Blackwell. Hart, R. (1993). 121 Common Mistakes of Taiwanese Students of English. Taipei: Begonia Publishing Group. Hawkins, R. & Chan, C.Y. (1997). The partial availability of Universal Grammar in second language acquisition: the ‘ failed functional features hypothesis ’ . Second Language Research, 13.3, 187-226. Heh, W. S. (2006). Elementary School English Teachers ’ Beliefs and Practices toward Communicative Language Teaching. Master thesis. Da-Yeh University. Huang, C. T. (1982). Logical Relations in Chinese and the Theory of Grammar. Ph.D. dissertation. Cambridge: Massachusetts Institute of Technology. Huang, C. L. (1987). English and Chinese Grammar-A Contrastive Analysis. Taipei: Crane Publishing Company. Huang, F. S. (2004). Gao Ling Xue Xi (Age Learning). Taipei: Wu-Nan Book Store. Huang, H. T. & Weng, C. H. (1990). Spoken Chinese. Beijing: Sinolingua. Huang, J. & Hatch, E. (1978). A Chinese child ’ s acquisition of English. In E. Hatch, (Ed.). Second Language Acquisition. Rowley MA: Newbury House. Hung, A. M. (2004). A Study of the Effects of Phonics Instruction on English Word Pronunciation & Memorization of Vocational Senior High School Student in Taiwan. Master thesis. National Taiwan Normal Teacher ’ s University. Hurford, J. R. (1994). Grammar: A Student ’ s Guide (p.20). Cambridge: CUP. Jain, M. (1969). Error Analysis of an Indian English Corpus. Unpublished Paper. University of Edinburgh. Johnson, J. & Newport, E. (1989). Critical period effects in second language learning: The influence of maturational state on the acquisition of English as second language. Cognitive Psychology 21, 60-90. Jordan, R. R. (1980). Academic Writing Course. Hong Kong: Nelson. Kirk-Greene, A. (1971). The Influence of West Africa Languages on English. In Spencer, 6. Krashen, S. D. (1982). Principles and Practice in Second Language Acquisition (p. 64). Oxford: Pergamon Press. Krashen, S. D. (1957). Linguistics Across Cultures (pp. 2-11). Michigan. (1985). The Input Hypothesis: Issues and Implication. London: Longman. Krashen, S. D. & Terrell, T.D. (2000). The Natural Approach: Language Acquisition in the Classroom. NJ: Prentice-Hall. Larsen-Freeman, D. and Long, M. (1991). An Introduction to Second Language acquisition Research (pp.2-228). London: Longman. Lennerberg, E. (1967). Biological Foundations of Language. New York: Wiley. Lin, Y. T. (1980). Guo Ying (Phonology). Kouhsing: Fu-Wen Publisher. Littlewood, W. (1981). Communicative Language Teaching: An Introduction (pp. 8-46). Cambridge: Cambridge University Press. Li, C. N. & Thompson, S. A. (1981). Mandarin Chinese: A Functional Reference Grammar (p.547). London: University of California Press. Lightbown, P. M. and Spada, N. (1993). How Language are Learned. Oxford: OUP. Macnamara, J. (1967). Bilingualism in the modern world. Journal of Social Issues 23, 1-7. McDonough, S. H. (1981). Psychology in Foreign Language Teaching. London: George Allen & Unwin. Newmark, L. (1963). Grammatical theory and the teaching of English as a foreign language (p.217). In D. Harris, (Ed.), The 1963 Conference Papers of the English language Section of National Association for Foreign Affairs. Newsham, R. (1971). About Chinese. London: Penguin Books. Norrish, J. (1983). Language Learners and Their Errors (p.1). London: Macmillan. Nunan, D. (2005). Research Method in Language Learning. New York: Cambridge University Press. Odlin, T. (1989). Language Transfer: Cross-Linguistic Influence in Language Learning (pp.2-85). Cambridge: CUP. Oxford, R. & Shearin, J. (1994) Language Learning Motivation: Expanding the Theoretical Framework. The Modern Language Journal, Volume 78, Number 1, 12-18. Quirk, R. et al. (1972). A Grammar of Contemporary. London: Longman (1985). A Comprehensive Grammar of the English Language (p. 807). London: Longman. Pienemann, M. (1985). Learnability and syllabus construction. Modelling and Assessing Second Language Acquisition. In K. Hyltenstam, and M. Pienemann (Eds.). Clevedon: Multilingual Matters. (1978). Determining the influence of instruction on L2 speech processing. Australian Review of Applied linguistics 10, 83-113. (1989). Is language teachable? Applied Linguistics 10, 52-79. Richards, J. C. (Ed.) (1974). Error Analysis: Perspectives on Second Language Acquisition (pp. 84-189). London: Longman. Richards et al. (1992). Dictionary of Language teaching & Applied Linguistics (pp.143-392). London: Longman. Richard-Amato, P. A. (2003). Making it Happen. NY: Longman. Richards, J. & Rodgers, T. (1986). Approaches and methods in language teaching: A description and analysis (pp.4-36). New York: Cambridge. Radford, A. (2002). Syntactic Theory and Structure of English: A Minimalist Approach. Cambridge: Cambridge University Press. Selinker, L. (1972). Interlanguage. International Review of Applied Linguistics, 10, 209-31. Selinker, L., Swain, M. & Dumas, G. (1975). The interlanguage hypothesis extended to children. Language Learning 25, 139-52. Schachter, J. (1988). Second language acquisition and its relationship to Universal Grammar. Applied Linguistics, 9, 219-235. Schwartz, B.D. and Sprouse, R.A. (1996). L2 cognitive states and the null transfer / full access model. Second Language Research, 12, 40-72. Sieh, Y. C. (2003). An Investigation of Communicative Language Teaching in Speech Training for English Major Students in National Chung Hsing University in Taiwan. Mater thesis. University of Newcastle Upon Tyne. Britain. Seiboth D, et al. (1993). Practical Chinese. Taipei: Taipei Language Institute Press. Tarone, E. (1983). On the variability of interlanguage systems. Applied Linguistics 4, 143-63. Towell, R., Hawkins, R. and Bazergui, N. (1993). Systematic and non-systematic variability in advanced language learning. Studies in second Language Acquisition 15, 439-60. Towell, R. and Hawkins , R. (1994). Approaches to Second Language Acquisition (pp.12-89). England: Multilingual Matters. Tseng, J. C. (1990). An Exhibit of Senior High School Student Compositions. Taipei: Chinese-English Weekly. Vygotsky, L. S. (1978). Mind in Society: The development of higher psychological process (p.86). Cambridge, MA: Harvard University Press. Wang, D. Y. (2003). Create an Excellent the Whole Person ’ s Education in Community College: A Case Study in Yuanlin Community College. Master thesis. National Changhua University of Education. (English equivalent) White, L. (1986). Implications of parametric variation for adult second language acquisition: an investigation of the pro-drop parameter (p.69). In V.J. Cook (Ed.), Experimental approaches to second language acquisition. Oxford: Pergamon Press. (1989). Universal Grammar and Second Language Acquisition (pp. 62-182). Amsterdam: Benjamins. (1996). Universal Grammar and Second Language Acquisition: Current Trends and New Directions in Handbook of Second Language Acquisition (p.88). W.C. Ritchie, and T. Bhatia (Ed.), 1996 New York: Academic Press. (2003). Second Language Acquisition and Universal Grammar (pp.69-88). Cambridge: Cambridge University Press. Wilkins, D. A. (1974). Second-Language Learning and Teaching (p.26). London: Edward Arnold. Winiker, A. C. & McCuen, J. R. (2003). Writing the Research Paper: A Handbook. Boston: Thomson Heinle. Wu, C. C. (1982). Chinese-English Translation

through Contrastive Analysis. Taipei: Crane Publishing Company Young, C. M. (1989) New Usage of English Grammar. Taipei: Tung-Hua Publishing Company Taipei. (English equivalent) Zheng, B. Y. (2006). An Analysis of EFL Learners' Performance on "in, on, at" in Taiwan. Master thesis. Da-Yeh University. Zobl, H. (1984). Cross-language generalisations and contrastive dimension of the interlanguage hypothesis. In A. Davies, C. Criper & A. Howatt (Eds.), *Interlanguage*. Edinburgh: Edinburgh University Press. English Book 1 (1995). Taipei: National Editing Institution in Taiwan. (English equivalent) English Book 2 (1995). Taipei: National Editing Institution in Taiwan. (English equivalent) Point Line Plane: Book 1 (1994). Taipei: A Taiwan government publication. (English equivalent)