An Analysis of English Pronunciation ErrorsMade by Taiwanese Junior College and College Students

田志偉、黃自來

E-mail: 365439@mail.dyu.edu.tw

ABSTRACT

English pronunciation teaching deals with individual sounds of English, sounds in connected speech, word and sentence stress, rhythm and intonation. These components are usually divided into two groups: (1) the segmental features of pronunciation (individual sounds and sound combination) and (2) the suprasegmental features (stress, rhythm and intonation). The major purpose of this study was to examine the pronunciation errors made by EFL college students in Taiwan. Three instruments employed were the self-designed diagnostic pronunciation test, the questionnaire, and the individual interview. The sample consisted sixty college students enrolling in the English programs at two colleges; one is a junior college and the other, a university. They were randomly selected. The statistical analysis of the data collected yielded the following findings. The students had trouble with: 1. Consonants and vowels which are absent in Mandarin Chinese. 2. Long vowels in the closed syllable of a word. 3. Longer consonant clusters that do not occur in Mandarin Chinese. 4. The stress, rhythm, pitch and intonation patterns that are completely different from those of Mandarin Chinese. 5. Segmental features that are neglected by EFL teachers in the classroom. 6. The suprasegmental features that have less emphasized in the classroom. The social factors contributing to the students ' success in pronunciation include: (a) frequent contact with native speakers, (b) positive attitude toward pronunciation learning, (c) teachers acting as scaffolders for students, and (d) the self-access learning center provided. The findings support the principle of the contrastive analysis, error analysis and crosslinguistic transfer of language and cognition that description of areas of difference can be used to predict areas of difficulty for EFL learners. Many valuable insights have been achieved from the study. Hopefully, the findings would be of value to EFL teachers and material developers who would like to improve the communicative skills of their students.

Keywords : English pronunciation errors, causes of pronunciation errors, English pronunciation teaching

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REFERENCES

References Anderson, N. J. (2006). Integrating the skills: placing reading at the core. Proceedings of 15th International Symposium on English Teaching, Taipei: English Teachers' Association, R.O.C. Avery, Peter & Ehrlich, Susan, (1992). Teaching American English Pronunciation. Oxford University Press. Bachman, L. F. (1990). Fundamental considerations in language testing. Oxford: Oxford University Press. Banathy, B. H. & Madarasz, P. H. (1969). Contrastive analysis and error analysis. Journal of English as A Second Language, 4(3), p. 77-92 Bardo-Harlig, K. (1996). Pragmatics and language teaching: bring pragmatics and pedagogy together. In L.Bouton (Eds.), Pragmatics and Language Learning. Urban-Champaign: University of Illinois. Bowen, J. Donald. (1975). Patterns of English Pronunciation. New York: Newbury House. Bradford, B. (1988). Intonation in Context. Cambridge: Cambridge University Press. Brazil, D. (1997). The Communicative Value of Intonation. Chicago: University of Chicago Press. Brown, H. Douglas. (2007). Sociocultural Factors. Principles of Language Learning and Teaching. Pearson Education. Buck, G. (1988). Testing listening comprehension in Japanese university entrance examinations. JALT Journal (10), 12-42. Celce-Murcia, M. & Goodwin, J. M. (1991). Teaching pronunciation. In Celce-Murcia (Eds). Teaching English as a Second or Foreign Language. New York: Newbury House. Celce-Murcia, M., Brinton, D. M. & Goodwin, J. M. (1996). Teaching pronunciation. Cambridge: Cambridge University Press. Celce-Murcia, M. (2001). Language teaching approaches: an overview. In Celce-Murcia (Eds). Teaching English as a Second or Foreign Language. Boston: Heinle & Heinle. Chomsky, N. (1965). Aspects of the theory of syntax. Cambridge, MA:MIT Press. Chung, K. S. (1990). About pronunciation. English Teaching and Learning. Taipei: National Taiwan Normal University. Cook, A. (1986). American Accent Training. New York: Matrix Press. Corder, S. (1971). Idiosyncratic dialects and error analysis. IRAL 9, p.147-159 Dow, P. M. (1984). Introduction to the Pronunciation of Chinese. Department of Chinese, University of Edinburgh. Duff, P. A. (2008). Case Study Research in Applied Linguistics. London: Routhedge. Ellis, Rod. (1997). Interlanguage. Second Language Acquisition. N.Y.: Oxford University Press. Gates, S. (1995). Exploiting Washback from Standardized Tests. In J. D. Brown & S. O. Yamashita (Eds.), Language Testing in Japan Tokyo: Japanese Association for Language Teaching. Graham, C. (1978). Jazz Chants: Rhythms of American English for students of English as a second Language. New York: University of New York. Hisao, Y. E. (1991). Syntax, Rhythm and Tone: A Triangular Relationship. Taipei, Taipei: The Crane Publishing . Howchin, Thomas D. (1976). The Sounds of American English. New York: Amsco College Publications. Huang, T. L. (1971). A Contrastive Study of the Segmental Phonemes of Taiwanese and American English. The Liberal Arts Press. Taipei, Taiwan, Huang, T. L. (2002), An analysis of the American phonological system for Chinese teachers of English. Explorations in Applied Foreign Language Learning and Teaching. Taoyuan, Taiwan : Lunghwa University of Science and Technology. Huang, T. L. (2008). Teaching for communication— should we stay where we are or move forward? Proceedings of The 2008 National Conference on Translation and TESOL. National Changhwa Normal University. Huang, T. L. (2010). Grammar of Phonology and Teaching Oral Reading. Selected Papers from the 19th International Symposium on English Teaching. Taipei, English Teachers' Association, Roc. Huang, T. L. (2011). The role of chunking in comprehension and production. Selected Papers from the 20th International Symposium on English Teaching. Taipei, English Teachers ' Association, Roc. Hymes, D. H. (1966). "Two types of linguistic relativity." In W. Bright (Ed) Sociolinguistics. The Hague: Mouton. Ing, R. O. (1989). Teaching English Pronunciation in English Teaching and Learning. Department of English: National Taiwan Normal University. Jacobs, B. (1988). Neurobiological differentiation of primary and secondary language acquisition. Studies in Second Language Acquisition, 10. James, C. (1980). Contrastive Analysis. London: Longman. Jarvis, S. J. & Pavlenko, A. (2006). Crosslingustic Influence in Language and Cognition. London: Routhedge. Krashen, Stephen D. (1987). Principles and Practice in Second Language Acquisition, Prentice Hall International. Ladefoged, Peter. (2006). Articulation and Acoustics. A Course in Phonetics. Fifth edition, Thomson Wadsworth press. Lado, Robort. (1957). Linguistics Across Cultures. Ann Arbor: University of Michigan Press. Larsen-Freeman, Diane (2000). Techniques and Principles in Language Teaching. Oxford University Press. Lott, D. (1983). Analyzing and counteracting interference errors. ELT Journal 37, p.256-261 Messick, S. (1996). Validity and washback in language testing. Language Testing, Vol 13,241-256. Miller, G. (1956). The magical number of seven, plus or minus two: Some limits on our capacity for processing information. Psychological Review. 63. Morley, J. (1991) . The Pronunciation Component in Teaching English to Speakers of Other Languages. TESOL Quarterly Vol. 25, No.3, Autumn. p.488 Nation, P. (2001). Learning Vocabulary in Another Language. Cambridge: Cambridge University Press. Nemser, W. (1971). Approximative systems of foreign learners. IRAL 9, p.115-123 Odlin, Terence (1989), Language Transfer. Cambridge University Press. Orin, Gertrude F. (1988). Pronunciation American English: Sounds, Stress and Intonation. New York: Newbury House. Pearson, I. (1988). Tests as levers of change (or 'putting first things first'). In D. Chamberlain & R. Baumgartner (Eds.), ESP in the classroom: Practice and

evaluation. p. 98-107. ELT Documents #128. London: Modem English Publications in association with the British Council. Prator, Clifford H. & Betty Wallace Robinet. (1985). Manual for American English Pronunciation. New York: Newbury House. Richards, J. (1971). A non-contrastive approach to error analysis. ELT Journal 25, p.204-219 Richards, J., Platt, J. & Platt, H. (1998). Longman Dictionary of Language Teaching & Applied Linguistics. Rose, K. P. (1997). Pragmatics in the classroom: theoretical concerns and practical possibilities. In L. Bouton (Eds.) Pragmatics and Language Learning. Urbana-Champaign: University of Illinois. Rumelhart, D. E., & Norman, D. A. (1978). Accretion, tuning, and restructuring: Three modes of learning. In J. Cotton & R. Klatzky (Eds.), Semantic factors in cognition. Hillsdale, NJ: Erlbaum. Schneider, W., & Schiffrin, R. M. (1977). Controlled and automatic processing I: Detection, search, and attention. Psychological Review, 84. Schumman, J. H. (1975). Affective factors and the problem of age in second language acquisition. Language Learning, 28(1). Schumman, J. H. (1976). Interlanguage. IRAL Vol.10, p.209-232. Shen, H. H. et al. (Eds) (2006). Introduction to Stander Chinese Pinyin System. Beijing: Beijing Language and Culture University press. Shohamy, E., Donitsa-Schmidt, S. & Ferman, I. (1996). Test impact revisited: Washback effect over time. Language Testing, Vol 13, p.298-317. Sun, Cecilia-huei. (1988). American English Phonetics. Taipei: The Crane Publishing. Underhill, A. (1994). Sound Foundations: Living Phonology. Oxford, UK: Heinemann. Wanger, R. K., Torgesen, J. k. & Rashotte, C. A. (1994). Development of reading-related phonological processing skills: New evidence of bidirectional causality from a latent variable longitudinal study. Developmental Psychology, 30.