

**MINGZHEN BAO**

**Curriculum Vitae**

**CONTACT INFORMATION**

Address: Department of Modern and Classical Languages, Literatures  
and Cultures  
1055 Patterson Office Tower  
University of Kentucky  
Lexington, KY 40506-0027  
USA

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**EDUCATION**

July, 2008 Ph. D. in Linguistics; University of Florida  
Ph. D. Dissertation: “Phonetic Realization and Perception of  
Prominence among Lexical Tones in Mandarin Chinese”  
Chair: Dr. Ratrete Wayland  
GPA: 4.0

March, 2004 M.A. in Applied Linguistics; Zhejiang University, China  
M.A. Thesis: “The Allocation of Sentential Stress among Three  
Reading Styles in Mandarin Chinese”  
Advisors: Dr. Min Chu and Dr. Yongzhen Shao  
GPA: 3.91

June, 2001 B.A. in English, Minor in Japanese; Zhejiang University, China

**ACADEMIC POSITION**

August, 2008-present Assistant Professor, Department of Modern and Classical  
Languages, Literatures and Cultures, University of Kentucky,  
Lexington, KY

**RESEARCH EXPERIENCE**

- 2009 Principal Investigator of Phonetics Lab, University of Kentucky  
Project 1: Perception of contrastive focus in Mandarin Chinese by native speakers of Chinese  
Project 2: Production and perception of prominence by second language learners of Chinese  
Project 3: Phonetic study of Shugni glottal stop  
Project 4: Tonal acquisition and the effects of auditory training at different proficiency levels  
Project 5: Individual difference, learning motivation and foreign language achievement
- 2006-2008 Linguistics, University of Florida  
Doctoral Research Project: Phonetic realization and perception of prominence among four tones in Mandarin Chinese.  
Responsibilities: Initiated the topic, conducted literature search, designed production and perception experiments, wrote computer scripts, collected and analyzed data.
- 2005-2008 Research Assistant of Linguistics Lab, University of Florida  
Supervisor: Dr. Ratree Wayland  
Responsibilities: Conducted literature search on tonal processing and acquisition, recruited and scheduled subjects, collected data in behavioral training and perception studies on Thai tones, and assisted with an ERP (electrophysiology) study in collaboration with Dr. Edith Kaan.
- 2007 African and Asian Languages and Literatures, University of Florida  
SLA Research Project in collaboration with Dr. Takako Egi:  
Classroom study on noticing, uptake and recasts  
Responsibilities: generated the research topic, designed training, conducted classroom observations and interviews, analyzed data, presented findings in a TESOL conference
- 2005-2006 Linguistics, University of Florida  
Course Project in Field Methods (LIN6165): Prosody of Focus among Information Structures in Pulaar.  
Supervisor: Dr. Fiona McLaughlin  
  
Course Project in Issues in Syntax (LIN6520): Tough construction and movement in Mandarin Chinese.  
Supervisor: Dr. Eric Potsdam

Course Project in Sentence and Discourse Processing (LIN6932): Categorical tonal perception in Mandarin Chinese using eye-tracking method.  
Supervisor: Dr. Wind Cowles

Course Project in Issues in Phonology (LIN6341): OT (Optimal Theory) analysis of vowel harmony in Dagaare:  
Supervisor: Dr. Fiona McLaughlin

2003 Speech Group, Microsoft Research Asia  
Master Thesis Project: The allocation of sentential accent among three reading styles in Mandarin Chinese  
Responsibilities: Initiated the topic, conducted literature search, analyzed a subset of Microsoft Mandarin TTS speech corpus.

2003 Visiting Student of Speech Group, Microsoft Research Asia  
Supervisor: Dr. Min Chu  
Responsibilities: Analyzed data and constructed a model regarding syntactic and prosodic constraints in forming prosodic phrases in Mandarin Chinese

2001 Chinese University of Hong Kong  
“China Today---A Study of Hong Kong and Shanghai”  
Summer Program Project: Mother-tongue teaching in Hong Kong  
Responsibilities: Conducted classroom observations and interviews, analyzed data, evaluated conditions, presented findings in the Program closing Banquet

### **TEACHING EXPERIENCE**

2009 Professor: ‘Advanced Chinese’ (Undergraduate), University of Kentucky

Professor: ‘Phonetics’ (Undergraduate & Graduate), University of Kentucky

2008 Professor: ‘Advanced Chinese’ (Undergraduate), University of Kentucky

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- Professor: 'Introduction to Linguistics' (Undergraduate),  
University of Kentucky
- Guest Lecturer: 'Language and Society' (Undergraduate),  
University of Kentucky
- Guest Lecturer: 'Phonological Analysis' (Graduate), University  
of Kentucky
- 2007 Teaching Assistant: 'Intermediate Chinese' (Undergraduate),  
University of Florida
- Teaching Assistant: 'Structure of Human Language'  
(Undergraduate), University of Florida
- 2006 Guest Lecturer: 'Introduction to Linguistics' (Undergraduate),  
University of Florida
- 2005-2006 Teaching Assistant: Teaching Assistant: 'Sounds of Human  
Language' (Undergraduate), University of Florida
- 2000-2002 Lecturer: 'English Literature' (Undergraduate), Zhejiang  
University, China
- Lecturer: 'Listening and Speaking in English' (Undergraduate),  
Zhejiang University, China
- Lecturer: 'Selected Reading in English' (Undergraduate),  
Zhejiang University, China

### **PROFESSIONAL TRAINING**

- 2009, CLEAR Professional Development Workshop at MSU "Revisiting, Reinventing, and  
Restarting a Language Program: A Step-by-Step Approach"
- 2009, iTunes U Workshop
- 2009, TurningPoint Workshop
- 2009, Kentucky World Language Festival Training

2009, Departmental Teaching Workshop on Core Course Design

2008, BlackBoard Instructor Training

2008, Mac Training

2007 Certificate for Teaching English as Second and Other Languages (TESOL), University of Florida

### **FELLOWSHIPS, HONORS AND AWARDS**

2008 Feature Story of Linguistics Program, University of Kentucky  
[http://www.as.uky.edu/academics/departments\\_programs/Linguistics/Linguistics/Pages/default.aspx](http://www.as.uky.edu/academics/departments_programs/Linguistics/Linguistics/Pages/default.aspx)

2008 Phonetic Lab Development (\$12,160), University of Kentucky

2004-2008 Four-year Alumni Fellowship (\$60,000), University of Florida

2007 Nominee for Graduate Teaching Award, Linguistics, University of Florida

2007 Graduate Student Travel Grant (\$250), College of Liberal Arts and Sciences, University of Florida

2005, 2006, 2007 Certificate of Achievement for Outstanding Academic Accomplishment, University of Florida

2005, 2006, 2007 Graduate Student Council Travel Grant (\$750), University of Florida

2005, 2006, 2007 Graduate Student Travel Grant (\$600), Linguistics, University of Florida

2004 Outstanding Thesis Award, Zhejiang University, China

2002 Guang Hua Scholarship Winner (\$900), Zhejiang University, China

2002 Outstanding Graduate Student of Zhejiang University

2001 Outstanding Graduate Student of Zhejiang Province, China

**PUBLICATIONS**

**Bao, M-Z.** (in preparation). Phonetic realization of glottal stop in Shugni.

**Bao, M-Z.** (in preparation). Prosody of Focus among Information Structures in Pulaar.

**Bao, M-Z.**, and Egi, T. (in preparation). Classroom study on noticing, uptake and recasts features.

**Bao, M-Z.**, and Wayland, R. (in preparation). Perception of contrastive focus in Mandarin Chinese by native speakers.

**Bao, M-Z.**, and Wayland, R. (submitted). Phonetic realization of focus and accent among lexical tones in Mandarin Chinese. *Journal of Phonetics*.

Wayland, R., Kaan, E., **Bao, M-Z.**, and Barkley, C. (2008). Effects of native language and training on speaker normalization on lexical tone perception: A behavioral and ERP study. *Proceedings of 2007 Mid-America Linguistics Conference*.

Kaan, E., Barkley, C., **Bao, M-Z.**, and Wayland, R. (2008). Thai lexical tone perception in native speakers of Thai, English and Mandarin Chinese: An event-related potentials training study. *BioMed Central Neuroscience* 9:53.

**Bao, M-Z.**, Chu, M., and Wang, Y. (2007). The influence of reading styles on accent assignment in Mandarin. *Computational Linguistics and Chinese Language Processing* Vol. 12, No. 1, pp. 91-106.

Kaan, E., Wayland, R., **Bao, M-Z.**, and Barkley, C. (2007). Effects of native language and training on lexical tone perception: An event-related potential study. *Brain Research* Vol. 1148, pp. 113-122.

Chu, M., Wang, Y., and **Bao, M-Z.** (2004). Local grammatical constraint and length constraint for forming base prosodic phrases in Mandarin. *Linguistics Series* Vol. 30. (In Chinese)

**Bao, M-Z.** (2002). Mother-tongue teaching in Hongkong. *Culture & Education Research* Vol. 1, pp. 17-21.

**CONFERENCE PRESENTATIONS**

- [1] **Bao, M-Z.** (2009) Phonetic realization of glottal stop in Shugni. The 158th Meeting of the Acoustical Society of America, San Antonio, Texas, 26-30 October, 2009.
- [2] Wayland, R., Kaan, E., Buin, T and **Bao, M-Z.** (2009) Perception of falling and rising pitch contours: Effects of L1 background. The Florida Chapter of the Acoustical Society of America, University of Florida, Gainesville, Florida. October 8, 2009.
- [3] **Bao, M-Z.** and Wayland, R. (2009) Acoustic analyses of focus realization in Mandarin Chinese. Guest talk. Chinese Academy of Social Sciences, Beijing, China, June 16, 2009.
- [4] **Bao, M-Z.** and Wayland, R. (2008) Phonetic realization of prominence among lexical tones in Mandarin Chinese. The 156th Meeting of the Acoustical Society of America, Miami, Florida, November 10-14, 2008.
- [5] Wayland, R., **Bao, M-Z.** and Kaan, E. (2008) Perception of falling and rising pitch contour contrast: Effects of first language background. The 156th Meeting of the Acoustical Society of America, Miami, Florida, November 10-14, 2008.
- [6] Kaan, E., Barkley, C., **Bao, M-Z.**, and Wayland, R. (2008). Thai lexical tone perception in native speakers of Thai, English and Mandarin Chinese: An ERP training study. Cognitive Neuroscience Society 2008 Annual Meeting, San Francisco, April 12-15, 2008.
- [7] Wayland, R., Kaan, E., **Bao, M-Z.**, and Barkley, C. (2007). Effects of native language and training on speaker normalization in lexical tone perception. 154th Meeting of the Acoustical Society of America, New Orleans, Louisiana, November 27 –December 1, 2007.
- [8] **Bao, M-Z.** and Wayland, R. (2007). Phonetic realization of prominence among lexical tones in Mandarin Chinese. 2007 Mid-America Linguistics Conference. University of Kansas, Lawrence, KS. October 26-28, 2007.
- [9] Wayland, R., Kaan, E., **Bao, M-Z.**, and Barkley, C. (2007). Effects of native language and training on speaker normalization on lexical tone perception: A behavioral and ERP study. 2007 Mid-America Linguistics Conference. University of Kansas, Lawrence, KS. October 26-28, 2007.
- [10] **Bao, M-Z.**, Ye, H., and Egi, T. (2007). Classroom study on noticing, uptake and recasts features. Sunshine State TESOL 30th Annual Convention 2007. West Palm Beach, Florida. June 9-12, 2007.
- [11] **Bao, M-Z.** (2007). Prosody of focus among information structures in Pulaar. 38th Annual Conference on African Linguistics-ACAL 2007. University of Florida, Gainesville, Florida. May 22-25, 2007.

- [12] **Bao, M-Z.** (2006). Tough construction and movement in Chinese. The 18th North America Conference on Chinese Linguistics. Western Washington University, Bellingham, Washington. June 23-25, 2006.
- [13] **Bao, M-Z.**, Chu, M. (2006). A comparative study of sentential stress distribution in Mandarin multi-style speeches. 3rd International Conference on Speech Prosody 2006. Dresden, Germany. May 2-5, 2006.
- [14] Kaan, E., Barkley, C., Wayland, R., and **Bao, M-Z.** (2006). Effects of native language and training on lexical tone perception: an ERP study. 2006 Cognitive Neuroscience Society Meeting. San Francisco, California. April 8-11, 2006.
- [15] Chu, M., **Bao, M-Z.** (2004). Comparison of sentential-stress allocation within base phrase among different reading styles. 2nd International Conference on Speech Prosody. Nara, Japan. 2004.
- [16] Chu, M., Wang Y.J. and **Bao, M-Z.** (2003). Local grammatical constraints and length constraints for forming base prosodic phrase in Mandarin. 6th National Conference of Modern Phonetics. Tianjin, P.R. China. 2003.

### **MEMBERS, REVIEWERS, ORGANIZERS AND CHAIRS**

#### Member, Reviewer of Professional Organizations

2009- Review Author for the Modern Language Journal  
 2009- ETS-Chinese Placement Test Reader  
 2008- Member of Acoustical Society of America (ASA)  
 2008- Member of Sigma XI, the Scientific Research Society

#### Member of Committees

2010, Executive committee of Kentucky Foreign Language Conference (KFLC)  
 2009, SLA committee of Kentucky Foreign Language Conference (KFLC)  
 2008, Japanese second language acquisition (SLA) faculty search committee  
 2008, Linguistics website development committee

#### Organizer, Chair (and Judge) of Conferences and Contests

2009, Organizer and Chair of Two SLA sessions of Kentucky Foreign Language Conference: L2 Grammar Acquisition; L2 Phonology Acquisition and L2 Motivation  
 2009, Organizer and Chair of Job Interview in Chinese (Advanced level)  
 2009, Organizer and Chair of Student Workshop on Phonetics  
 2008, Organizer and Chair of Chinese Speech Contest (Advanced level)

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**PROFESSIONAL AND COMMUNITY SERVICES**

- 2009                    University of Kentucky  
 Director of the Chinese Language Instruction:  
 Coordination of the beginning, intermediate, and advanced levels of Chinese language instruction  
 Articulation of the language instruction goals, curriculum revision and design  
 Development and administration of Chinese placement tests  
 Development and maintenance of a materials bank (teaching materials and resources to be shared among instructors)  
 Initiation of International Baccalaureate (IB) credit for Chinese language courses at UK  
 Others: heritage speaker issue, course equivalency, credit transfer
- 2009                    ArtsAsia Festival at UK  
 Phonetic transcription of ancient Chinese poem LiSao performed by UK Music School
- 2009                    Asian Centre at UK  
 Chinese version of UK Confucius Institute proposal
- 2009                    Kentucky Foreign Language Festival  
 Chinese Listening and Reading Tests Design
- 2009                    Opening House of Family Weekend  
 Chinese Program Introduction
- 2008                    University of Kentucky  
 Chinese language program coordination:  
 Coordination of all aspects of the beginning, intermediate, and advanced levels of the Chinese language program with approximately 70 students  
 Articulation of the language program goals, curriculum revision and design  
 Teaching materials selection and development  
 New curriculum design for Chinese program  
 Development and administration of Chinese placement tests  
 Organizing students' speech contest at the advanced Chinese level  
 Mentoring of instructors  
 Writing of grant proposals  
 Development and maintenance of a materials bank (teaching materials and resources to be shared among faculty members)

- Development and maintenance of Chinese program web pages  
(<http://web.as.uky.edu/chinese/>)
- 2008                    University of Kentucky  
Member, Linguistics website development committee  
Teaching Demo Observation, Chinese culture faculty search
- 2007                    University of Florida  
Assisted in exhibit and demonstration on “The Acoustics of Your Speech” in an open house hosted by the College of Liberal Arts and Sciences, as part of the University of Florida “Showcasing the Possibilities” campus-wide festivities
- 2007                    University of Florida  
Assisted in a T-shirt sale in ACAL 2007 (Annual Conference on African Linguistics) to raise funds for UF Linguistics Society to enable students with limited funds to attend conferences
- 2006                    University of Florida  
Volunteered in arranging 06 UF Chinese New Year Show
- 2005                    University of Florida  
Assisted a student in the Chinese Program in his Linguistics project, explained Linguistics theories related and brainstormed ideas about how to collect data
- 2005                    University of Florida  
Volunteered to assist electronically newly enrolling students in Linguistics
- 2002                    Zhejiang University, China  
Represented in the 15<sup>th</sup> Graduate Conference of Zhejiang University on behalf of College of Foreign Languages
- 2001                    Served as an interpreter of the West Lake Exposition held in Hangzhou, China
- 1999                    Translated legal English documents for Omega Agency in China