

ALIF SILPACHAI

CURRICULUM VITÆ

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CONTACT INFORMATION	Department of English 203 Ross Hall 527 Farmhouse Ln. Iowa State University Ames IA 50011-1054	Email : alif(at)iastate(dot)edu
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RESEARCH INTERESTS:

- The relationship between tone perception and tone-word learning
- The relationship between phonological stop voicing contrast and consonant-induced fundamental frequency (also known as CF₀, f_0 at vowel onset, pitch skip, or onset f_0 perturbations among others)
- The relationship between phonological stop voicing contrast and domain-initial strengthening (DIS)
- Perceptual training of nonnative sounds
- Pronunciation teaching

EDUCATION:

- 2016-present **Iowa State University**
Ph.D., Applied Linguistics and Technology.
- 2014 **University of Southern California**
M.A., Linguistics. Thesis: “The Temporal Organization between Initial Consonant and Lexical Tones.” Committee: Khalil Iskarous (chair), Louis Goldstein, and Karen Jesney.
- 2012 **University of California, Los Angeles**
B.A., Linguistics.

PUBLICATIONS:

- Accepted **The role of talker variability in the perceptual learning of Mandarin tones in American English listeners.** *The Journal of Second Language Pronunciation.*
- 2019 **Golden Speaker Builder-An interactive tool for pronunciation training.** Ding, S., Liberatore, C., Sonsaat, S., Lučić, I., **Silpachai, A.**, Zhao, G., Chukharev-Hudilainen, E., Levis, J., & Gutierrez-Osuna, R. *Speech Communication*, 115, 51-66.

REVIEWS:

- 2018 **Review of *Investigating English pronunciation: trends and directions*.** (Jose A. Mompean and Jonás Fouz-González, eds., 2015 Palgrave Macmillan). *The CATESOL journal*, 30(1).
- 2017 **Accent reduction for professionals: How to eliminate your accent to sound more American (Review).** In M. O'Brien & J. Levis (Eds). *Proceedings of the 8th Pronunciation in Second Language Learning and Teaching Conference*, ISSN 2380-9566, Calgary, AB, August 2016 (pp. 270-273). Ames, IA: Iowa State University.

CONFERENCE PROCEEDINGS:

- 2018 **Prominence and information structure in pronunciation teaching materials.** Levis, J. & Silpachai, A. In J. Levis (Ed.), *Proceedings of the 9th Pronunciation in Second Language Learning and Teaching conference*, ISSN 2380-9566, University of Utah, September, 2017 (pp. 216-230). Ames, IA: Iowa State University.
- 2018 **L2 ARCTIC: A non-native English speech corpus.** Zhao, G., Sonsat, S., Silpachai, A., Lucic I., Chukharev-Hudilainen, E., Levis, J., & Gutierrez-Osuna, R. *Proceedings of Interspeech*. (Hyderabad, India).
- 2013 **Prosodic characteristics of two focus types in emphatic context in Thai.** *Proceedings of Meetings on Acoustics ICA2013 19(1)*, 060209, Montreal, QC, Canada.

CONFERENCE PRESENTATIONS:

- 2019 **The roles of vowel length and sentential context in onset pitch perturbations in Thai.** Poster to be presented at the 178th Meeting of the Acoustical Society of America, San Diego, CA.
- 2019 **The effects of high talker variability on the perceptual learning of Mandarin tones in HVPT.** Oral presentation at the 11th Annual Conference of Pronunciation in Second Language Learning & Teaching, Northern Arizona University, Flagstaff, AZ.
- 2019 **How to speak like an American.** Invited guest speaker at Thai American physicians foundation, Las Vegas, NV.
- 2018 **Golden Speaker: learner experience with computer-assisted pronunciation practice.** Oral presentation with John Levis, Ricardo Gutierrez-Osuna, Evgeny Chukharev-Hudilainen, Sinem Sonsaat, & Ivana Lucic at the 10th Annual Conference of Pronunciation in Second Language Learning & Teaching, Iowa State University, Ames, IA.
- 2018 **The role of speaker identity in High Variability Phonetic Training.** Poster presented with Evgeny Chukharev-Hudilainen, John Levis, Tatiana A. Klepikova, & Gabi Mitchell at the 10th Annual Conference of Pronunciation in Second Language Learning & Teaching, Iowa State University, Ames, IA.

- 2018 **Using High Variability Phonetic Training to train non-tonal listeners with no musical background to perceive lexical tones.** Poster presented at the 175th Meeting of the Acoustical Society of America, Minneapolis, MN.
- 2017 **Prominence and information structure in pronunciation teaching materials.** Poster presented with John M. Levis at the 9th Annual Conference of Pronunciation in Second Language Learning & Teaching, University of Utah, Salt Lake City, UT.
- 2017 **High variability phonetic training and L2 lexical tones.** Poster presented at the 9th Annual Conference of Pronunciation in Second Language Learning & Teaching, University of Utah, Salt Lake City, UT.
- 2017 **Building hybrid pronunciation models for L2 pronunciation training.** Presented with Evgeny Chukharev-Hudilainen, John Levis, Ricardo Gutierrez-Osuna, Sinem Sonsaat, Ivana Lucic, Ziwei Zhou, Shaolin Ding, Christopher Liberatore, & Guanlong Zhao at the 2017 Technology for Second Language Learning Conference, Iowa State University, Ames, IA.
- 2017 **How to speak like an American.** Invited guest speaker at Thai American physicians foundation, Las Vegas, NV.
- 2016 **How to speak like an American.** Invited guest speaker at Thai American physicians foundation, Las Vegas, NV.
- 2015 **How to speak like an American.** Invited guest speaker at Thai American physicians foundation, Atlantic City, NJ.
- 2014 **How to speak like an American.** Invited guest speaker at Thai American physicians foundation, Anaheim, CA.
- 2013 **The adaptation of tones in a language with registers: a case study of Thai loanwords in Mon.** Poster presented at the Fall 2013 meeting of the Acoustical Society of America, San Francisco, CA.
- 2013 **Prosodic characteristics of two focus types in emphatic context in Thai.** Poster presented at the 2013 International Congress on Acoustics, Montreal, QC.
- 2012 **Prosodic characteristics of three sentence types in Thai.** Poster presented at the Fall 2012 meeting of the Acoustical Society of America, Kansas City, MO.
- 2012 **Thai tones in English loanwords.** Oral presentation at the Southern California Undergraduate Linguistics Conference, University of California, Los Angeles, CA.

HONORS AND AWARDS:

- 2019 Acoustical Society of America, San Diego: student transportation subsidy (\$120.00)
2019 ISU: ALT Small Grant Award (\$212.50)
2016 ISU: Freda Huncke Endowment Graduate Teaching Fellowship
2012 USC: Frederick and Dorothy Quimby Memorial Scholarship
2009 Phi Theta Kappa
2009- Alpha Gamma Sigma
2010

RESEARCH EXPERIENCE:

- 2017-2019 **Research assistant:** NSF Golden Speaker
John Levis
ISU, Applied Linguistics and Technology
[Duties: data collection, experiment]
- 2011 **Research assistant:** Thai glottalization
Marc Garellek
UCLA, Department of Linguistics
[Duties: data collection, pilot experiment]

TEACHING EXPERIENCE:

- Fall 2019 Instructor for ENGL 150: Critical Thinking and Communication, ISU
[Student evaluations available upon request]
- Fall 2018 Instructor for ENGL 250: Written, Oral, Visual, and Electronic Composition, ISU
[Student evaluations available upon request]
- Spring 2018 Teaching assistant for LING 219: Introduction to Linguistics, ISU
Instructor: Prof. Evgeny Chukharev-Hudilainen, ISU Applied Linguistics and
Technology
Responsibilities: Weekly discussion sections and grading.
- Fall 2017 Instructor for ENGL 99S: Strategies for Nonnative Speakers of English:
Academic Speaking and Pronunciation, ISU
[Student evaluations available upon request]
- Spring 2017 Instructor for ENGL 250: Written, Oral, Visual, and Electronic Composition, ISU
[Student evaluations available upon request]
- Fall 2016 Instructor for ENGL 150: Critical Thinking and Communication, ISU
[Student evaluations available upon request]

- Fall 2014 Teaching assistant for LING 115: Language, Culture, and Society, USC
Instructor: Prof. Andrew Simpson, USC Linguistics
Responsibilities: Weekly discussion section, grading, and weekly office hours.
[Student evaluations available upon request]
- Spring 2014 Teaching assistant for LING 115: Language, Culture, and Society, USC
Instructor: Prof. Sandra Disner, USC Linguistics
Responsibilities: Weekly discussion section, grading, and weekly office hours.
[Student evaluations available upon request]
- Fall 2013 Teaching assistant for LING 115: Language, Culture, and Society, USC
Instructor: Prof. Andrew Simpson, USC Linguistics
Responsibilities: Weekly discussion section, grading, and weekly office hours.
[Student evaluations available upon request]

OTHER MEMBERSHIP AND SERVICE:

- 2018 Organizing committee member for the 10th Annual Conference of Pronunciation in Second Language Learning & Teaching, ISU
- 2017 Consultant for adding Pali Lao characters in the Unicode Standard, in Rajan, V., Mitchell, B., Jansche, M., & Brawer, S. *Revised Proposal to Encode Lao Characters for Pali*.
- 2014-present Member, Linguistic Society of America
- Fall 2014 Substitute for Student Representative for Speech Communication (Rachael Gilbert), Meeting of the Acoustical Society of America, Indianapolis, IN
- 2014 Colloquium coordinator, Graduate Students in Linguistics, USC
- 2013-2014 Event Coordinator, Graduate Students in Linguistics, USC
- 2012-present Member, Acoustical Society of America
- Spring 2010 Associated Students representative, Alpha Gamma Sigma, Santa Monica College
- Fall 2009 Historian, Alpha Gamma Sigma, Santa Monica College
- 2008-present Administrator, Thai Wiktionary

ARTICLE REVIEWING:

- 2017-2019 *Journal of Second Language Pronunciation*

LINGUISTIC FIELDWORK:

- Summer 2019 Thai
- Summer 2013 Mon

LANGUAGE EXPERIENCE:

English (native), Thai (native), Spanish (fluent), Lao (fluent), French (intermediate), Catalan (intermediate), Northern Thai (intermediate), and Shan (beginner)

PROGRAMMING:

R, Praat scripting, XHTML/CSS, MATLAB, JavaScript

SCRIPT READING AND WRITING KNOWLEDGE (BESIDES LATIN):

Thai, Lao, Shan, Northern Thai (Tai Tham), and Khmer