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Education

- 2003 **PhD**, Linguistics, minor in Cognitive Science, University of Arizona
How are second language phoneme contrasts learned?
- 2001 **MA**, Linguistics, University of Arizona
The perception of novel phoneme contrasts in a second language: A developmental study of native speakers of English learning Japanese singleton and geminate consonant contrasts
- 1999 **MA**, Linguistics, University of South Carolina
Native speakers of Arabic and ESL texts: Evidence for the transfer of written word identification processes
- 1997 **BA**, Linguistics, minor in French, University of Iowa

Employment

- 2018-present **Associate Dean**, Undergraduate Studies, University of Utah
- 2017-present **Professor**, Department of Linguistics, University of Utah
- 2018-present **Director**, Capstone Programs, University of Utah
- 2014-present **Director**, Office of Undergraduate Research, University of Utah
- 2009-2017 **Associate Professor**, Department of Linguistics, University of Utah
- 2004-2009 **Assistant Professor**, Department of Linguistics, University of Utah
- 2003-2004 **Research Associate/Lecturer**, Department of Psychology, Northeastern University

Manuscripts Under Review & To Appear

- Olson, D.E. & R. Hayes-Harb. **To appear**. Voice onset time in Arabic and English stop consonants. *Al-Arabiyya*.
- Smith, B.L. & R. Hayes-Harb & E.M. Johnson. **To appear**. ESL learners' acoustic variability in producing American English tense and lax vowels. *Journal of Second Language Pronunciation* 5, 1, 140-165. [doi: 10.1075/jslp.15050.smi](https://doi.org/10.1075/jslp.15050.smi).

Publications

Journal Articles

- Barriuso, T.A. & R. Hayes-Harb. **2018**. High variability phonetic training as a bridge from research to practice. *The CATESOL Journal*, 30, 1, 177-194. [Link to full text](#).
- Hayes-Harb, R., K. Williams-Brown & B.L. Smith. **2018**. Orthographic input and the acquisition of German word-final devoicing by native English speakers. *Language & Speech*, 61(4), 547-564. [doi: 10.1177/0023830917710048](https://doi.org/10.1177/0023830917710048)
- Hayes-Harb, R. & K. Durham. **2016**. Native English speakers' perception of Arabic emphatic consonants and the influence of vowel context. *Foreign Language Annals*, 49, 3, 557-572. [doi: 10.1111/flan.12217](https://doi.org/10.1111/flan.12217)

- Blackmer, R. & R. Hayes-Harb. **2016**. Identifying effective methods of instruction for adult emergent readers through community-based research. *Journal of Research and Practice for Adult Literacy, Secondary, and Basic Education*, 5, 2, 35-49. [Link to full text](#).
- Hayes-Harb, R., & H.-w. Cheng. **2016**. The influence of the *Pinyin* and *Zhuyin* writing systems on the acquisition of Mandarin word forms by native English speakers. *Frontiers in Psychology*, 7. doi: 10.3389/fpsyg.2016.00785 [Link to full text](#). [Materials available on IRIS](#).
- Hayes-Harb, R. & J.F. Hacking. **2015a**. Beyond rating data: What do listeners believe underlies their accentedness judgments? *Journal of Second Language Pronunciation*, 1, 1, 43-64. doi: 10.1075/jslp.1.1.02hay
- Hayes-Harb, R. & J.F. Hacking. **2015b**. The influence of written stress marks on native English speakers' acquisition of Russian lexical stress contrasts. *Slavic and East European Journal*, 59, 1, 91-109. [Link to full text](#).
- Showalter, C. & R. Hayes-Harb. **2015**. Native English speakers learning Arabic: The influence of novel orthographic information on second language phonological acquisition. *Applied Psycholinguistics* 36, 1, 23-42. doi: 10.1017/S0142716414000411 [Link to full text](#). [Materials available on IRIS](#).
- Bassetti, B., P. Escudero & R. Hayes-Harb. **2015**. Second language phonology at the interface between acoustic and orthographic input. Introduction to special issue of *Applied Psycholinguistics*, 36, 1, 1-6. doi: 10.1017/S0142716414000393 [Link to full text](#).
- Showalter, C.E. & R. Hayes-Harb. **2013**. Unfamiliar orthographic information and second language word learning: A novel lexicon study. *Second Language Research*, 29, 2, 54-69. doi: 10.1177/0267658313480154 [Materials available on IRIS](#).
- Hayes-Harb, R. & J. Watzinger-Tharp. **2012**. Accent, intelligibility, and the role of the listener: Perceptions of English-accented German by native German speakers. *Foreign Language Annals*, 45, 2, 260–282. doi: 10.1111/j.1944-9720.2012.01190.x
- Smith, B.L. & R. Hayes-Harb. **2011a**. Individual differences in the perception of final consonant voicing among native and non-native speakers of English. *Journal of Phonetics*, 39, 1, 115-120. doi: 10.1016/j.wocn.2010.11.005
- Hayes-Harb, R., J. Nicol & J. Barker. **2010**. Learning the phonological forms of new words: Effects of orthographic and auditory input. *Language and Speech*, 53, 3, 367-381. doi: 10.3389/fpsyg.2016.00785 [Materials available on IRIS](#).
- Smith, B.L., R. Hayes-Harb, M. Bruss & A.A. Harker. **2009**. Production and perception of voicing and devoicing in similar German and English word pairs by native speakers of German. *Journal of Phonetics*, 37, 3, 257-275. doi: 10.1016/j.wocn.2009.03.001
- Schierloh, M. & R. Hayes-Harb. **2009**. The contributions of talker familiarity and individual talker characteristics to FL listening comprehension: Native English speakers listening to German. *Die Unterrichtspraxis/Teaching German*, 41, 2, 171-185. [Link to journal](#).
- Hayes-Harb, R., B.L. Smith, T. Bent & A.R. Bradlow. **2008**. The interlanguage speech intelligibility benefit for native speakers of Mandarin: Production and perception of English word-final voicing contrasts. *Journal of Phonetics*, 36, 4, 664-679. doi: 10.1016/j.wocn.2008.04.002
- Escudero, P., R. Hayes-Harb, & H. Mitterer. **2008**. Novel second-language words and asymmetric lexical access. *Journal of Phonetics*, 36, 2, 345-360. doi: 10.1016/j.wocn.2007.11.002
- Hayes-Harb & K. Masuda. **2008**. Development of the ability to lexically encode novel L2 phonemic contrasts. *Second Language Research*, 24, 1, 5-33. doi: 10.1177/0267658307082980
- Hayes-Harb, R. **2007**. Lexical and statistical evidence in the acquisition of second language phonemes. *Second Language Research*, 23, 1, 1-31. doi: 10.1177/0267658307071601 [Materials available on IRIS](#).

- Hayes-Harb, R. **2006**. Native speakers of Arabic and ESL texts: Evidence for the transfer of written word identification processes. *TESOL Quarterly*, 40, 2, 321-339. doi: 10.2307/40264525
- Hayes-Harb, R. **2005**. Optimal L2 speech perception: Native speakers of English and Japanese consonant length contrasts. *Journal of Language & Linguistics*, 4, 1, 1-29. [Link to full text.](#)

Chapters, Conference Proceedings, and Reviews

- Hayes-Harb, R. **2018**. How does orthography affect pronunciation in a second language? Retrieved from <http://www.pronunciationforteachers.com/key-concepts.html>. [Link to full text.](#)
- Durham, K., R. Hayes-Harb, S. Barrios & C.E. Showalter. **2016**. The influence of various visual input types on L2 learners' memory for the phonological forms of newly-learned words. In J. Levis, H. Le., I. Lucic, E. Simpson, & S. Vo (Eds). *Proceedings of the 7th Pronunciation in Second Language Learning and Teaching Conference*, Dallas, TX, October 2016. Ames, IA: Iowa State University. Refereed. [Link to full text.](#)
- Hayes-Harb, R. **2014**. Acoustic-phonetic parameters in the perception of accent. In A. Moyer & J. Levis, eds. *Social Dynamics in Second Language Accent*. De Gruyter Mouton. Pp. 31-51. Invited.
- Hayes-Harb, R. **2014**. Review of *Foreign Accent: The Phenomenon of Non-Native Speech*, by Alene Moyer. *Journal of Sociolinguistics*, 18, 3, 414-418.
- Hayes-Harb, R. **2012**. Comparative phonetics and phonology. *The Encyclopedia of Applied Linguistics*, ed. Chapelle, C.A. Oxford, UK: Wiley-Blackwell. Invited.
- Smith, B.L. & R. Hayes-Harb. **2011b**. Speech production and speech perception by German speakers learning English as a second language. In P. Lang, ed. *Selected Proceedings of New Sounds 2010* (Polish Studies in English Language and Literature, Volume 31). Refereed.
- Masuda, K. & R. Hayes-Harb. **2007**. Lexical development of Korean learners of Japanese: A case study of Japanese consonant quantity. In M. Minami, ed. *Applying Theory and Research to Learning Japanese as a Foreign Language*. Tokyo: Kurosio. Refereed.
- Masuda, K. & R. Hayes-Harb. **2005**. Eigobogowasha ni yoru sokuon shuutoku no sutoratejii: sinrigengogakuteki jikken to onkyoo bunseki o tooshite [English speakers' strategies for acquiring Japanese geminates: A psycholinguistic and acoustic examination]. In M. Minami & M. Asano, eds. *New Directions in Applied Linguistics of Japanese 4*. Tokyo: Kurosio. Refereed.
- Boersma, P., P. Escudero & R. Hayes. **2003**. Learning abstract phonological from auditory phonetic categories: An integrated model of the acquisition of language-specific sound categories. *Proceedings of the 15th International Congress of Phonetic Sciences*. Barcelona, Spain, August.
- Hayes, R.L. **2002**. The perception of novel phoneme contrasts in a second language: A developmental study of native speakers of English learning Japanese singleton and geminate consonant contrasts. *Coyote Papers 12: Linguistics in Cognitive Science*. 28-41. Refereed.
- LaFond, L., R.L. Hayes & R. Bhatt. **2001**. Constraint demotion and null-subjects in Spanish L2 acquisition. In J. Camps & C. Wiltshire, eds. *Romance Syntax, Semantics and L2 Acquisition*. Amsterdam: John Benjamins. Refereed.
- Hayes, R.L. **2000**. Reranking stages in an Optimality Theoretic analysis of the acquisition of Japanese as a foreign language. *Carolina Working Papers in Linguistics* 1. Refereed.

Talks & Lectures

- Hayes-Harb, R. & S. Barrios. **2018**. Investigating the phonological content of learners' lexical representations for new L2 words. *10th Annual Conference on Pronunciation in Second Language Learning and Teaching*. Ames, IA, September. Invited.
- Hayes-Harb, R. **2018**. Written input and the L2 lexical-phonological acquisition of German final

- devoicing by native English speakers. Center for Language Science, Pennsylvania State University, State College, PA, March.
- Hayes-Harb, R. **2016**. Orthographic input and the acquisition of an L2 phonological process: The case of native English speakers learning and German final devoicing. Invited panel discussant at *Sound to Word in Bilingual and Second Language Speech Perception*. University of Iowa, March-April.
- Hayes-Harb, R. **2014**. Written input in second language phonological acquisition. University of Alberta Department of Linguistics, November.
- Blackmer, R. & R. Hayes-Harb. **2013**. Identifying effective methods of instruction for adult emergent readers through community-based research. *Utah State Office of Education Summer Conference*. June.
- Barnhart, C. & R. Hayes-Harb. **2013**. Community-Based Research: Effective literacy instruction for adult ESL emergent readers. *University of Utah Engaged Faculty Retreat*. May.
- Hayes-Harb, R. **2013**. "Input" in second language phonology: The influence of orthographic information. University of Arizona Department of Linguistics, March.
- Hayes-Harb, R. **2012**. Orthographic input and the acquisition of second language phonological forms. Plenary speaker at the *Second Language Acquisition of Phonology 2012 Conference*. University of York, U.K., July.
- Munro, S., R. Blackmer & R. Hayes-Harb. **2011**. Designing community-based research grant proposals. Research Administration Training Series, University of Utah, October.
- Hayes-Harb, R. & C. Barnhart. **2011**. Designing community-based research grant proposals. *Engaged Faculty Institute*, Alta, UT, August.
- Hayes-Harb, R. **2011**. The Development of L2 Lexical-Phonological Structure: Orthographic Effects. Topics in Spanish Language Acquisition, Department of Spanish and Portuguese, University of Iowa (via Skype), April.
- Hayes-Harb, R. **2008**. Learning the phonological forms of L2 words: Orthographic and auditory input. *Workshop on the Relation between Orthography and Phonological Acquisition*, Ghent University, Belgium, November.
- Hayes-Harb, R. **2008**. Learners' use of orthographic information in the development of L2 lexical representations. Institute of Phonetic Sciences, University of Amsterdam, The Netherlands, November.
- Hayes-Harb, R. **2008**. Orthographic input and the phonological structure of the second language lexicon. University of Utah Communication Sciences & Disorders Colloquium, October.
- Hayes-Harb, R. **2007**. The development of L2 lexical-phonological structure. Keynote speaker at the *Conference of the Ohio University Linguistics Department*, Ohio University, May.
- Hayes-Harb, R. **2006**. Research in the acquisition of second language speech. University of Utah Educational Psychology/Learning Sciences Colloquium, November.
- Hayes-Harb, R. **2005**. Novel phoneme contrasts and the developing L2 lexicon. University of Illinois Second Language Acquisition and Teacher Education Colloquium, November.
- Hayes-Harb, R. **2005**. Lexical and statistical evidence in the acquisition of second language phonemes. University of Utah Communication Sciences & Disorders Colloquium, March.
- Hayes-Harb, R. **2004**. Learning L2 phonological categories. *2004 IGERT Workshop: Integrative Explanations in the Cognitive Science of Language*, Johns Hopkins University, January.
- LaFond, L. & R.L. Hayes. **2000**. It's better left unsaid: Null subjects in the L2 acquisition of Spanish. University of South Carolina Linguistics Program Colloquium, February.

Conference Presentations

- Hayes-Harb, R. **2018**. Assessment of undergraduate research learning outcomes: Poster presentations as artifacts. *Council on Undergraduate Research Conference 2018*. Oral presentation, Washington DC, July.
- Hayes-Harb, R. & S. Barrios. **2018**. The lexical representation of second language length contrasts: Native English speakers learning Japanese. *Journal of the Acoustical Society of America* 144(3):1863-1864. Poster. Victoria, BC, November.
- Barrios, S. & R. Hayes-Harb. **2017**. L2 learning of phonological alternations with and without orthographic input. *Second Language Research Forum*, Columbus, OH, October.
- Barrios, S. & R. Hayes-Harb. **2016**. L2 learning of phonological alternations with and without orthographic input. *Conference on Pronunciation in Second Language Learning and Teaching*. Calgary, AB, August.
- Hayes-Harb, R. & C.E. Showalter. **2016**. Linguistically-guided adaptation to accented speech: The roles of lexical frequency and word familiarity. *Conference on Pronunciation in Second Language Learning and Teaching*. Calgary, AB, August.
- Smith, B.L. & R. Hayes-Harb. **2016**. Non-native speakers' acoustic variability in producing American English tense and lax vowels. *171st Meeting of the Acoustical Society of America*. Salt Lake City, Utah, May. Poster.
- Durham, K., R. Hayes-Harb & S. Barrios. **2015**. The influence of visual input type in the acquisition of phonological forms for newly-learned words. *Second Language Research Forum*. Atlanta, GA, October. Poster.
- Durham, K., R. Hayes-Harb & S. Barrios. **2015**. The influence of visual input type in the acquisition of phonological forms for newly-learned words. *Conference on Pronunciation in Second Language Learning and Teaching*. Dallas, TX, October.
- Hayes-Harb, R. & D. Cotsonas. **2014**. Content effects in native English-speaking students' adaptation to the speech of ITAs. *Conference on Pronunciation in Second Language Learning and Teaching*. Santa Barbara, CA, September.
- Durham, K., A. Zaba & R. Hayes-Harb. **2014**. The Perception of Arabic emphatic-plain consonant contrasts by native English speakers. *167th Meeting of the Acoustical Society of America*. Providence, RI, May. Poster.
- Smith, B.L. & R. Hayes-Harb. **2014**. Acoustic variability in the speech of L2 learners of American English as a function of accentedness. *167th Meeting of the Acoustical Society of America*. Providence, RI, May. Poster.
- Smith, B.L. & R. Hayes-Harb. **2013**. Non-native speakers' variability in achieving native-like English consonant and vowel productions. *Second Language Research Forum 2013*. Provo, UT. October-November.
- Brown, K., R. Hayes-Harb & B.S. Smith. **2013**. Orthographic input effects in production of L2 German word final obstruents. *Second Language Research Forum 2013*. Provo, UT. October-November.
- Hayes-Harb, R. **2013**. Task effects on L2 lexical-phonological acquisition and processing. *Second Language Research Forum 2013*. Provo, UT. October-November.
- Smith, B. & R. Hayes-Harb. **2013**. Acoustic variability of consonant and vowel productions by native and non-native speakers of English. *New Sounds 2013*. Montreal, QC.
- Bassetti, B., P. Escudero & R. Hayes-Harb. **2013**. Orthographic effects on second language phonology. *EuroSLA 23*. Amsterdam, The Netherlands, August.
- Hayes-Harb, R. & J. Hacking. **2013**. The influence of written stress marks on native English speakers' acquisition of Russian lexical stress contrasts. *EuroSLA 23*. Amsterdam, The Netherlands, August.

- Hayes-Harb, R. & J. Hacking. **2013**. Orthographic and auditory contributions to second-language word learning: Native English speakers learning Russian lexical stress. *LSA-MLA Joint Forum* entitled “Tuning in to the Phoneme: Phonetic and Phonological Nuances in Second Language Acquisition.” Boston, MA, January.
- Hayes-Harb, R. & C. Showalter. **2012**. Orthographic influences on second language phonological acquisition. *Second Language Research Forum*. Pittsburgh, PA, October.
- Showalter, C. & R. Hayes-Harb. **2011**. Tone and orthography in novel second language segment learning. *Second Language Research Forum*. Ames, IA, October.
- Hayes-Harb & J. Hacking. **2011**. Variability in listeners’ bases for accentedness judgments of L2 speech. *Second Language Research Forum*. Ames, IA, October.
- Smith, B.S. & R. Hayes-Harb. **2010**. Speech production and speech perception findings for native German speakers learning English as a second language. *New Sounds 2010*. Poznan, Poland, May.
- Wood, A. & R. Hayes-Harb. **2010**. Acquisition of Arabic phonemes by native English speakers. *University of Utah Undergraduate Research Symposium*. April.
- Bolewicz, K., A. Zaba & R. Hayes-Harb. **2009**. Exploiting familiar contrasts to perceive novel contrasts: The perception of Arabic pharyngealization contrasts by native English speakers. *Second Language Research Forum*. East Lansing, MI, October-November.
- Dickman, S. & Hayes-Harb, R. **2009**. Differences in intelligibility of non-native directed and hearing impaired directed speech for non-native listeners. *Second Language Research Forum*. East Lansing, MI, October-November.
- Smith, B.L. & R. Hayes-Harb. **2009**. Individual differences in the perception of final consonant voicing among native and non-native speakers of English. *157th Meeting of the Acoustical Society of America*. Portland, OR, May. Poster.
- Haslam, M., A. Jarvi & R. Hayes-Harb. **2009**. The influence of lexical access and linguistic context on second-language speech perception. *157th Meeting of the Acoustical Society of America*. Portland, OR, May. Poster.
- Haslam, M., A. Jarvi & R. Hayes-Harb. **2009**. L2 word identification performance under various task conditions. *63rd Annual Rocky Mountain Modern Language Association Convention*. Snowbird, UT, October.
- Schierloh, M. & R. Hayes-Harb. **2008**. The contributions of talker familiarity and individual talker characteristics to FL listening comprehension: Native English speakers listening to German. *American Association for Applied Linguistics Annual Conference*. Washington, DC, March-April.
- Smith, B.L., M. Bruss, R. Hayes-Harb & A. Hamilton. **2007**. Voicing and devoicing in similar German and English word pairs by native speakers of German. *154th Meeting of the Acoustical Society of America*. New Orleans, LA, November. Poster.
- Weber, A., P. Escudero, R. Hayes-Harb & A. Cutler. **2007**. Exploring the phonological representations in the L2 lexicon. *Workshop on Language Processing in First and Second Language Learners*. MPI for Psycholinguistics in Nijmegen, The Netherlands, November.
- Escudero, P., R. Hayes-Harb & H. Mitterer. **2007**. Explaining the interrelation between auditory and orthographic cues in L2 sound perception and word recognition. *Fifth International Symposium on the Acquisition of Second Language Speech (New Sounds 2007)*. Santa Catarina, Brazil, November.
- Hayes-Harb, R., P. Escudero & H. Mitterer. **2007**. Orthographic information and the phonological structure of the L2 lexicon. *30th annual Second Language Research Forum*. Urbana-Champaign, IL, October.
- Zaba, A., K. Bolewicz & R. Hayes-Harb. **2007**. Native English speakers’ perception of Arabic pharyngealization contrasts. Panel on Experimental approaches to second language phonology. *36th Annual Meeting of the Linguistic Association of the Southwest*. Denver, CO, September.

- Hayes-Harb, R. **2007**. Lexical-phonological structure in second language acquisition. Panel on Experimental approaches to second language phonology. *36th Annual Meeting of the Linguistic Association of the Southwest*. Denver, CO, September.
- Escudero, P., R. Hayes-Harb, & H. Mitterer. **2007**. Role of orthographic information in the auditory processing of novel L2 words. *153rd Meeting of the Acoustical Society of America*. Salt Lake City, UT, June. Poster.
- Smith, B.L. & R. Hayes-Harb. **2007**. Individual differences in the production and perception of the voicing contrast by native and non-native speakers of English. *153rd Meeting of the Acoustical Society of America*. Salt Lake City, UT, June. Poster.
- Hayes-Harb, R. & J. Watzinger-Tharp. **2006**. Learners' accentedness: Perceptions of teachers and native speakers. *American Association for Teachers of German Annual Conference*. Nashville, TN, November.
- Hayes-Harb, R., B. Smith, T. Bent, & A. Bradlow. **2006**. Relationships between the intelligibility and acoustic properties of native English and Mandarin-accented English. *152nd Meeting of the Acoustical Society of America*. Honolulu, Hawaii, November. Poster.
- Christison, M.A. & R. Hayes-Harb. **2006**. The role of applied linguistics in language revitalization programs. *American Association for Applied Linguistics Annual Conference*. Montreal, QC, June.
- Christison, M.A., R. Hayes-Harb, & R.G. Deal. **2006**. Principled materials development for language maintenance and revitalization. *Conference on the Endangered Languages of the Americas*, University of Utah, Salt Lake City, March.
- Hayes-Harb, R., B. Smith & Z. Rasmussen. **2006**. Production and Perception of English Word-Final Stop Consonants by Native Speakers of English and Mandarin. *Deseret Language and Linguistics Symposium*, Provo, UT, March.
- Matthews, S. & R. Hayes-Harb. **2006**. Distribution-based learning of phonemic contrasts: Native speakers of English learning Arabic pharyngealization contrasts. *Deseret Language and Linguistics Symposium*, Provo, UT, March.
- Hayes-Harb, R. & M.A. Christison. **2006**. Endangered Languages, Language Revitalization, and English Language Teaching. *TESOL Convention*. Tampa, FL, March.
- Masuda, K. & R. Hayes-Harb. **2006**. JSL learners' lexical development: A case study of Japanese consonant quantity by Korean speakers. *5th International Conference on Practical Linguistics of Japanese*, San Francisco, CA, March.
- Hayes-Harb, R. **2005**. Optimal L2 speech perception. *14th World Congress of Applied Linguistics (AILA)*, Madison, WI, July.
- Hayes-Harb, R. & K. Masuda. **2005**. Lexical representation of novel L2 contrasts. *149th Meeting of the Acoustical Society of America*, Vancouver, B.C., May. Poster.
- Hayes-Harb, R. & M.A. Christison. **2005**. A course in language revitalization in practice. *Conference on the Endangered Languages of the Americas*, University of Utah, Salt Lake City, April.
- Nicol, J., R. Hayes-Harb & J. Barker. **2005**. Effects of L1 spelling conventions on L2 vocabulary acquisition. *Second Language Acquisition and Teaching Roundtable*, Tucson, AZ, February. Poster.
- Masuda, K. & R. Hayes-Harb. **2004**. Word learning and novel second language sounds: How do native speakers of English encode and decode Japanese consonant quantity lexically? *4th International Conference on Practical Linguistics of Japanese*, San Francisco, CA, April.
- Hayes, R. & J. Nicol. **2003**. When spelling is detrimental to second language vocabulary acquisition. *Second Language Research Forum*, Tucson, AZ, October. Poster.
- Boersma, P., P. Escudero & R. Hayes. **2003**. An integrated model of the steps by which we learn language-specific sound categories. *Generative Approaches to Language Acquisition: Workshop on Learnability*, Utrecht, The Netherlands, September.

- Boersma, P., P. Escudero & R. Hayes. **2003**. Learning abstract phonological from auditory phonetic categories: An integrated model of the acquisition of language-specific sound categories. *15th International Congress of Phonetic Sciences*, Barcelona, Spain, August.
- Masuda, K. & R. Hayes. **2003**. Word learning and novel second language sounds: How do native speakers of English encode Japanese consonant quantity in memory? *Second Language Acquisition and Teaching Roundtable*, Tucson, AZ, February. Poster.
- Hayes, R. **2002**. The perception of Japanese consonant length by non-native listeners. *Laboratory Phonology (LabPhon) 8*, New Haven, CT, June. Poster.
- Hayes, R. **2002**. An OT model of L2 speech perception. *Conference on Contrast in Phonology*, Toronto, ON, May. Poster.
- Hayes, R.L. **2002**. Do reduplication patterns in an English word game reflect phonotactic probabilities? *Linguistics Society of America Annual Meeting*, San Francisco, CA, January.
- Hayes, R.L., L. LaFond & R. Bhatt. **2001**. Optimality theory, constraint demotion, and the acquisition of Spanish as a second language. *11th Annual Graduate Student Symposium on Hispanic and Luso-Brazilian Literature, Language and Culture*, Tucson, AZ, February.
- Hayes, R.L. **2001**. Singleton-geminate consonant contrasts and SLA: Native speakers of English learning Japanese. *Linguistics Society of America Annual Meeting*, Washington, DC, January. Poster.
- LaFond, L., R.L. Hayes & R. Bhatt. **2000**. Interface constraints in Romance second language acquisition. *Generative Approaches to Second Language Acquisition*, Cambridge, MA, March.
- LaFond, L., R.L. Hayes & R. Bhatt. **2000**. Learning null-subjects in a second language: An Optimality-Theoretic account. *Linguistic Symposium on Romance Languages*, Gainesville, FL, February.
- Hayes, R.L., L. LaFond & R. Bhatt. **1999**. Competition, conflict, and optimality in L2 acquisition. *Second Language Research Forum*, Minneapolis, MN, September.
- Hayes, R.L. **1999**. Native speakers of Arabic and ESL texts: Evidence for the transfer of reading strategies. *American Association of Applied Linguistics Annual Meeting*, Stamford, CT, March.
- Hayes, R.L. **1999**. Negative transfer and ESL reading strategies. *Southeastern Conference in Linguistics*, Norfolk, VA, April.
- Hayes, R.L. **1998**. Reranking stages in an Optimality Theoretic analysis of the acquisition of Japanese as a foreign language. *Southeastern Conference in Linguistics*, Atlanta, GA, November.
- Hayes, R.L. **1998**. Proficiency testing in the second or foreign language classroom. *Southeastern Conference in Linguistics*, Lafayette, LA, March.

Grants

- Faculty Research Grant**, University Research Committee, University of Utah: \$3,440 awarded **2013**, “An investigation of long-term phonetic, phonological, and lexical training”
- Research Instrumentation Fund**, University of Utah: \$5,540.50 awarded **2013**, “Sound-attenuated booth for Second Language Acquisition Research”
- Great Ideas in the Humanities**, College of Humanities, University of Utah: \$3,757 awarded **2012**, “Student research exchanges”
- International Travel and Research Grant**, College of Humanities, University of Utah: \$1000 awarded **2012** for travel to Amsterdam, The Netherlands to present at the *EuroSLA 2013 Conference*
- Community Based Research Program Grant**, University of Utah: \$20,000 awarded **2011**, “Determining effective ESL instruction strategies for pre-literate adults”
- Faculty Research Grant**, University Research Committee, University of Utah: \$5,950 awarded **2007**, “Production and perception of accents in second language learning”, with B.L. Smith

International Travel and Research Grant, College of Humanities, University of Utah: \$1,000 awarded **2006** for travel to Nijmegen, The Netherlands to conduct research at the Max Planck Institute for Psycholinguistics

Educational Technology Grant, University of Utah: \$180 awarded **2006** to purchase data storage media for the Speech Acquisition Lab

Dee Grant, University of Utah: \$2,086 awarded **2006** to help develop a course on the practice of language revitalization, with M. Christison

University Group Teaching Grant, University Teaching Committee, University of Utah: \$1,890 awarded **2005** to visit a language revitalization program in Tucson, AZ to help develop a course in the practice of language revitalization, with M. Christison

Interdisciplinary Collaborative Seed Grant, College of Humanities, University of Utah: \$4,667 awarded **2005**, “English word-final consonant voicing by native speakers of Mandarin: Acoustic and perceptual data”, with B.L. Smith

Faculty Research Grant, University Research Committee, University of Utah: \$5,300 awarded **2005**, “Native English speakers learning Arabic”

University Teaching Grant, University Teaching Committee, University of Utah: \$410 awarded **2004** to purchase phonetics equipment for use by Linguistics students

Mini-Grant, College of Humanities, University of Utah: \$750 awarded **2004**, “The role of the teacher’s voice in learning the sounds of a foreign language”

National Science Foundation Dissertation Improvement Grant, \$3,679 awarded **2003**, “Doctoral dissertation research: How do learners overcome native language interference in second language speech?” with M. Hammond

Graduate Research Grant, Social and Behavioral Sciences Research Institute, University of Arizona: \$1000 awarded **2002** for development of the grant proposal “How do learners overcome native language interference in second language speech?”

Travel Grant, Graduate and Professional Student Council, University of Arizona: \$500 awarded **2001** for travel to the *Linguistics Society of America Annual Meeting*

Graduate Research Grant, Social and Behavioral Sciences Research Institute, University of Arizona: \$500 awarded **2001**, “The perception of novel second language sounds: Native speakers of English learning Japanese short and long consonants”

Research Grant, University Consortium of Intensive English Programs: \$500 awarded **1998**, “Native speakers of Arabic and ESL tests: Evidence for the transfer of reading strategies”, with A.R. Schmauder

Students

PhD Students (Committees Chaired)

Taylor Anne Barriuso (2018)

2017 Recipient of *Language Learning* Dissertation Grant

The L2 acquisition of phonemes and allophones under various exposure conditions

Catherine Showalter (2018)

Orthographic input familiarity and congruence effects on phono-lexical acquisition of Russian by native speakers of English

Asmaa Shehata (2013)

When variability matters in second language word learning: The influence of talker variability on native English speakers’ recognition and lexical encoding of Arabic phoneme contrasts

Mara Haslam (2012)

The effect of perceptual training including required lexical access and meaningful linguistic context on L2 phonology

Aleksandra Zaba (2008)

Investigation of the relationship between relative frequency and learnability in adults: The case of phonological harmony

MA Students (Committees Chaired)

Joshua Jackson (2016) *The effects of novel orthographic elements and phonetic instruction in second language phonological acquisition*

Kristie Durham (MPhil 2015)

Kelsey Brown (2015) *The influence of explicit instruction on failure to acquire a phonological rule due to orthographic input: The case of native English speakers learning German.*

Amanda Rabideau (2014) *Talker background and individual differences in the speech intelligibility benefit*

Cate Showalter (2012) *The use of a novel script to create grapheme-phoneme correspondences in second language words*

Jenia Ivanova (2011) *The effects of teacher talk on L2 learners' comprehension*

Wendy Coyle (2010)

Sierra Baird (2010)

Xingling Chen (2010)

Sadie Dickman (2009) *Differences in intelligibility of non-native directed speech and hearing impaired directed speech for non-native listeners*

Albert Jarvi (2008) *Effect of lexical access and meaningful linguistic context on second language speech perception*

Kaitlin Bolewicz (defended 2008) *The effects of lexical characteristics on second language phonological acquisition*

Jennifer Leparmentier (2007) *Novel feature processing in children and adults*

Honors BA Students (Committees Chaired)

Daina Eve Olson (2017) *Voice onset time in Arabic and English stop consonants*

Zachary Rasmussen (2007) *Phonetic approximation and the interlanguage speech intelligibility benefit hypothesis: Arabic accented English*

Undergraduate Research Opportunity Program Scholars (Students Supervised)

Julia Vonessen (Fall 2018, Spring 2019); Lauren Brocius (Fall 2017, Spring 2018); Daina Eve Olson (Fall 2016, Spring 2017); William Roundy (Spring 2015); Savanne Bohnet (Fall 2014, Spring 2015); Matthew Halverson (Fall 2013, Spring 2014); Jessica Larsen (Summer 2013); Jeffrey Green (Fall 2012, Spring 2013); Robert Capps (Spring 2011); Aaron Wood (Spring, Summer 2010); Brian Cragun (Fall 2008, Spring 2009); Jamie Johnson (Fall 2007, Spring 2008); Erin Larsen (Spring 2007); Zachary Rasmussen (Spring 2005)

University Teaching Assistants (Students Supervised)

Catherine E. Showalter (AY 2016-17)

Kaitlin Bolewicz (AY 2007-08)

Service

Editorial Experience

2019-present Editor, *Applied Psycholinguistics*

2018 Associate Editor, *Applied Psycholinguistics*

2016-2018 Associate Editor, *Phonetica*

2014-2018 Editorial Board Member, *Applied Psycholinguistics*
 2014-present Editorial Board Member, *Journal of Second Language Pronunciation*
 2013-present Editorial Board Member, *Second Language Research*
 2011-2015 Associate Editor, *Applied Psycholinguistics*

Department of Linguistics

2018 Ad hoc TFR Committee Member
 2016-2017 Search Committee Chair (Chair Search)
 2015-2016 Search Committee Member (Chair Search)
 2017 Ad hoc RPT Committee Member
 2016, 2015, 2013 Ad hoc RPT Committee Chair
 2012-2018, 2005-2010 Executive Committee Member
 2012-2013 Search Committee Chair (SLA Search)
 2017-2018, 2010-2015 Director of Graduate Studies
 2009-2010 Search Committee Chair (Phonology Search)
 2007-2010 Associate Director of Graduate Studies
 2007-2008 Search Committee Member (Syntax Search)
 2007-2014 Department of Linguistics Colloquium Series Organizer
 2005-2018 Graduate Committee Member
 2005-2006 Program Committee Member, *Conference on Endangered Languages of the Americas*

College of Humanities

2018-present College Diversity Task Force
 2018-2019 Chair, College RPT Advisory Committee
 2017 Department of World Languages and Cultures RPT Ad hoc Committee Member
 2015-2016 College Road Mapping Committee Member
 2012-present College RPT Advisory Committee Member
 2013-2015 Tanner Center Faculty Advisory Board Member
 2013 External Post-Tenure Review Evaluator, Department of Languages & Literature
 2012-2015 Advisory Board Member, Second Language Teaching and Research Center (L2TReC)
 2010 Humanities Overnight Orientation Presenter
 2009-2010 College of Humanities Career Development Committee
 2006-2009 Council of Dee Fellows Member
 2006-2009 College of Humanities Library Committee Member

University of Utah

2019-present Educational Futures Subcommittee, SVP Task Force
 2018-present Field Station Task Force, VPR's Office
 2018-present GURU Advisory Board Member
 2017-present MUSE Professor
 2016-present Deeply Engaged Learning Outcomes Portfolio Team Co-Chair
 2015-2016 Ad hoc Senate Learning Outcomes Assessment Committee
 2015-present Residency Appeals Committee

2015 Graduate Council Review Committee Member, Department of Communication Sciences and Disorders

2014-2016 Undergraduate Council Member

2014-2015 Portfolio Leadership Team on Engaged Learning Member

2015 Women's Education Specialist Search Committee Member

2015 UAAC Award Subcommittee Member

2013-2014 Community Engagement Task Force Member

2011-2014 Academic Senate Member

2011-2012 Academic Senate Executive Committee Member

2010 University Teaching Assistantship Committee Member

2010 University Research Committee Member

2008 Project Youth Presenter

2008-2009 Interdisciplinary Studies Advisory Committee Member

2008-2009 Intellectual Explorations Physical, Life and Applied Sciences Area Committee Member

2007-2008 Academic Senate Member

2006-2009 University Teaching Committee Member

2006-2007 Institutional Animal Care and Use Committee Member

2006 Project Youth Presenter

2005-2009 Case Studies in Research Ethics Faculty Fellow

Community

2011-2015 Board of Directors, English Skills Learning Center, Salt Lake City, UT (Vice President 2013-1024; President 2014-2015)

2009-2012 Collaborator, Hartland Partnership, University Neighborhood Partners

2008 Judge, Salt Lake City School District Science Fair

2007-2008 Linguistics curriculum development and teaching, The Open Classroom (Public Elementary School), Salt Lake City, UT

2005-2007 Board of Directors, English Skills Learning Center, Salt Lake City, UT

2005 Judge, Salt Lake City School District Science Fair

National and International

2018 Students Meet Members for Lunch Program and Student Poster Judge, *Meeting of the Acoustical Society of America*, Victoria, BC

2017 Organizer, *Pronunciation in Second Language Learning and Teaching Conference* and pre-conference *Research Methods Workshop*, Salt Lake City, UT

2013 Organizer, 'L2 phonetics and phonology: Insights from studies of the L2 lexicon', invited colloquium at the *Second Language Research Forum*, Provo, UT

2013 Co-organizer, 'Second language phonology at the interface between acoustic and orthographic input' Colloquium, European Second Language Associate Conference (EuroSLA 23, Amsterdam, The Netherlands (with P. Escudero and B. Bassetti)

2007-2010 Linguistic Society of America Advisory Committee to Programs

2007 Local Organizing Committee, *153rd Meeting of the Acoustical Society of America*, Salt Lake City, UT

2007 Co-organizer, Panel on 'Experimental approaches to second language phonology' at the *36th Annual Meeting of the Linguistic Association of the Southwest*, Denver, CO

2006 Students Meet Members for Lunch Program and Student Poster Judge, *152nd Meeting of the Acoustical Society of America*, Honolulu, HI

Journal Article Reviews

Acta Acustica (2015, 2016); *Applied Linguistics* (2013); *Applied Psycholinguistics* (2018, 2017, 2016, 2015, 2014, 2012, 2011, 2010); *Attention, Perception & Psychophysics* (2009); *Bilingualism: Language and Cognition* (2017, 2014, 2013, 2012, 2011, 2010); *Canadian Modern Language Review* (2017, 2013); *Cognition* (2011); *Foreign Language Annals* (2018, 2016); *International Journal of Bilingualism* (2014); *Journal of Experimental Psychology: Learning, Memory, and Cognition* (2016, 2015, 2014, 2012); *Journal of Japanese Linguistics* (2011); *Journal of Phonetics* (2013, 2012, 2011, 2010, 2008); *Journal of Second Language Pronunciation* (2018, 2017, 2015, 2014); *Journal of Speech, Language, and Hearing Research* (2011); *Journal of the Acoustical Society of America* (2017, 2015, 2014, 2012, 2011, 2010, 2008, 2007, 2006); *Language Acquisition: A Journal of Developmental Linguistics* (2018, 2015); *Language and Speech* (2015, 2014, 2013); *Language Learning* (2015, 2013, 2011, 2010, 2009, 2008); *Language Teaching* (2013); *Lingua* (2013, 2010); *Modern Language Journal* (2014); *Perception/i-Perception* (2015); *Phonetica* (2010); *Second Language Research* (2017, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2007); *SKY Journal of Linguistics* (2015); *Studies in Hispanic and Lusophone Linguistics* (2015); *Studies in Second Language Acquisition* (2017, 2014, 2013, 2012, 2011, 2010, 2009); *TESOL Quarterly* (2007, 2006)

Book, Chapter and Conference Proceeding Reviews

2018 *Proceedings of the Pronunciation in Second Language Learning and Teaching Conference*
 2017 *The Routledge Handbook of Arabic Second Language Acquisition*
 2017 *Proceedings of the Pronunciation in Second Language Learning and Teaching Conference*
 2016 *Key Issues in the Teaching of Spanish Pronunciation* (Routledge)
 2015 *Proceedings of the National Conference on Undergraduate Research*
 2015 Edinburgh University Press
 2013 *Proceedings of the National Conference on Undergraduate Research*
 2010 *Proceedings of Second Language Research Forum*
 2008 Pearson Education ESL
 2008 *Proceedings of Second Language Research Forum*
 2007 Cengage Learning

Conference Abstract Reviews

Australasian International Conference on Speech Science and Technology (2016); *American Association of Applied Linguistics* (2007, Strand Coordinator 2008, 2011, 2018, 2019); *Interspeech* (2014, 2015, 2016); *New Sounds* (2013, 2019); *Pronunciation in Second Language Learning and Teaching* (2016); *Second Language Research Forum* (2003, 2009, 2014, 2015)

Grant Reviews

Austrian Science Fund (2013); British Academy Leverhulme Research Grants (2019, 2013, 2012); *Language Learning* Research Grant (2014); National Science Foundation (2018, 2016, 2013, 2011, 2010, 2005); Netherlands Organization for Scientific Research (2012, 2013); Research Grants Council of Hong Kong (2010); Social Sciences and Humanities Research Council of Canada (2015); University of Utah Faculty Research & Creative Grant (2018, 2014, 2013).

External Dissertation Committee Member/Evaluator

Current **Abdulaziz Alarifi**, Assessing the effects of distributional learning and orthographic information on native English speakers' perception of consonant length contrast, University of Alberta, Linguistics

- 2016 **Sunjing Ji**, Sound and meaning components during speech comprehension of Mandarin compounds, University of Arizona, Linguistics
- 2014 **Katharina Schuhmann**, Perceptual learning in second language learners, Stony Brook University, Linguistics
- 2014 **Lionel Mathieu**, The influence of unfamiliar orthography on L2 phonolexical acquisition, University of Arizona, Linguistics
- 2013 **Patrick Chu**, Interlanguage speech intelligibility benefit: Implications for a model of second language word production and recognition, University of New South Wales School of Psychology
- 2011 **Kathleen Joan Brannen**, The perception and production of interdental fricatives in second language acquisition, McGill University, Linguistics
- 2010 **Elizabeth Stein**, Sensitivity to consonantal context in reading English vowels: The case of Arabic learners, University of Memphis, English/Applied Linguistics

External Faculty Retention/Promotion Evaluator

- 2018 University of Maryland, School of Languages, Literatures and Cultures
- 2018 Indiana University, Second Language Studies
- 2018 University of South Florida, Department of World Languages
- 2018 University of California Santa Cruz, Languages and Applied Linguistics
- 2017 Boston University, School of Education
- 2016 Mississippi State University, English
- 2015 University of Wisconsin-Milwaukee, Linguistics
- 2015 Ithaca College, Speech Language Pathology & Audiology
- 2014 University of Arizona, Spanish & Portuguese
- 2014 University of Kansas, Linguistics
- 2014 Purdue University, French & Applied Linguistics
- 2013 University of Calgary, Linguistics

Honors and Awards

- 2011 Department of Linguistics Students' Choice Award
- 2010 University Research Committee Faculty Fellow Award
- 2008 Department of Linguistics Students' Choice Award
- 2006 Department of Linguistics Students' Choice Award
- 2002-2003 Foreign Language Area Studies Fellowship, Arabic language study
- 2001 Linguistics Society of America Summer Institute Fellowship
- 1999-2000 Graduate Fellowship, University of Arizona Department of Linguistics