

LINGUISTICS

The University of Kansas



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Message from the Chair

Linguistics is a thriving field. We have positioned ourselves as a unique program that integrates linguistic theory with experimental research. This was showcased at our 50th Anniversary celebration in September 2017. We were thrilled that many of you were able to come back to partake in the festivities to celebrate this milestone. The celebration had talks by former and current students, by faculty, a lively poster session, lab tours, and a lot of entertaining Linguistic conversations. Both our first Ph.D. and our most recent Ph.D. were present. The Anniversary was also a chance for alumni, students, and faculty to give back to the Department. We encouraged donations with the creation of very Linguistic levels of giving: Verb, Deixis, Wug, Uvula, ERP, and Critical Period and we received donations from all degree levels: B.A., M.A. and Ph.D. students. All donations made to the department increase our ability to provide student support.

2017 saw a number of changes in the Department: some sad and some joy-ous.

On a sad note, on January 28, 2018, Professor Frances Ingemann passed away. Prof. Ingemann was the founder of the Department of Linguistics in 1967, a renowned professor at the University of Kansas for 42 years, Chair of the Department for decades, a pioneer in acoustic speech research, a generous donor to the department, and, of course a loyal KC Royals fan. We will miss her. On a positive note, we have a lot of good news to report. Alison Gabriele was promoted to Full Professor. Alison joined the department in 2005, became an Associate Professor with tenure in 2011, and will be a Full Professor as of August 2018. Congratulations Alison! Andrew McKenzie was promoted to Associate Professor with tenure. Andrew joined the department in 2012, and will be an Associate Professor with tenure as of August 2018. Congratulations Andrew! The department also hired John Gluckman, who is finishing his Ph.D. at UCLA and will be joining the department in the Fall. John's research specialty is in the area of syntax, semantics, and morphology, with interests in fieldwork on understudied language varieties in Africa, Asia, and the Americas. We also hired Kate Coughlin, whose research interests include psycholinguistic and neurolinguistic processing of native and nonnative language, as a full-time Teaching Specialist.

As we look at the year to come, the department will undergo an external review (April 2018) of both undergraduate and graduate degree programs. We are confident that the department has positioned itself well and look forward to this evaluation.

Jon a. Serem

Joan A. Sereno



Frances Ingemann, Department Founder, Passes Away At 90



Frances Ingemann, Professor Emerita of Linguistics at The University of Kansas, died on January 28th, 2018 at the age of 90. Frances was the most influential person in the history of the Linguistics Department. She started teaching Linguistics when she arrived on campus in 1957 and she founded the department in 1967. The current department is, to a large extent, the fruit of her vision and persistence. Although formally retired in 2000, Frances continued to be an active member of the department, attending departmental colloquies and other social functions until very recently.

Frances received her Ph.D. in Linguistics from Indiana University in 1956. Her dissertation was on East Cheremis, a language of the former Soviet Union. She then spent a year at Haskins Laboratories in New York City, conducting groundbreaking research in the area of speech synthesis. Following that, Frances started what turned out to be a long and distinguished career at The University of Kansas. In addition to founding the department and serving as its chair for multiple years in multiple decades, Frances was also active in University Governance and was the first wom-

an to chair the Faculty Senate. Frances was also inducted into the KU Women's Hall of Fame in 1977.

When the region where Cheremis was spoken was closed off to foreigners, Frances changed her focus to Ipili. Only slightly more accessible, this language is spoken in the east New Guinea highlands and Frances was the first linguist to visit this area and document the language.

Frances was the most loyal and generous supporter of the Linguistics Department. Her name graces the annual Frances Ingemann Lecture series. In addition, the Frances Ingemann Linguistics scholarship has supported generations of graduate students.

Many alumni returned to campus last September to celebrate the department's 50th anniversary. One of the highlights was Frances's speech about the beginnings and growth of Linguistics at KU. We are all very fortunate to have had Frances as a colleague, friend, mentor, and role model.

Without Frances Ingemann, there would not be a Linguistics Department at KU.

http://www.kuonlinedirectory.org/endacott/data/OralHistoryTranscripts/ingemann.wpd.pdf





Dr. Frances Ingemann at the 50th Anniversary of the Department of Linguistics celebration



Tribute to Frances Ingemann by Allard Jongman

I first met Frances 20 years ago when I interviewed for a job in the Linguistics department at KU. Frances was about to retire which enabled the department to hire a new person. I work in phonetics and was therefore familiar with Frances's research. In the late 1950s and early 1960s she had worked at Haskins Laboratories in NYC – it was the place for speech research. Frances had worked on speech synthesis, which is speech generated by a computer. Synthetic speech is now all around us, in all our electronic devices, but when Frances started it was of such poor quality that it was barely intelligible. Frances made seminal contributions by improving this artificial speech in terms of its intonation and timing.

While I knew about Frances's contributions to speech science, it wasn't until after my wife Joan Sereno and I joined the department that we realized how important Frances had been to Linguistics at KU. When Frances was hired at KU in 1957, she started in the English department – there was no Linguistics department. Frances started a Linguistics program and hired linguists and at times borrowed them from other departments. She did such a good job that the Dean of the College did not realize there actually was no Linguistics department. In fact, the dean was not sure what else he could do to convert the program into a department since everything seemed already in place. At that point Frances famously decided that the only piece that was missing was official letterhead paper. She had it printed and the department was established! That was in 1967. Just last fall, we celebrated the 50th anniversary of the department with a crowd of current and former students and colleagues. Frances was in good spirits, gave a speech about the history of the department, and was delighted to revisit with so many former students.

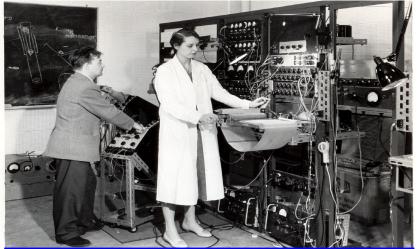
Frances's leadership extended well beyond the department. She was active in university governance. She was the first female president of the Faculty Senate and served as an advisor to several deans, provosts, and Chancellors. I think that cannot have been easy, especially in those days. Our department, for example, consisted almost entirely of men, many with, shall we say, interesting personalities. But, as we all know, easy was not in Frances's vocabulary. You would not pick a mountain range in the middle of Papua New Guinea to do your fieldwork if you were looking for easy. Nor, for that matter, would you pick the KC Royals as your team. Frances always said that she was a fan of baseball and that she followed the Royals because they were the closest. But no one was happier when the Royals finally won the World Series in 2015. So, persistence pays off, both in research and in play.

While Frances retired in 2000, she remained active in the department. She maintained an office and would come in regularly to transcribe her recordings. She attended colloquies and other department events. Every year, she would ask each faculty member to join her for a game in Kauffman stadium, a great way to connect with the new

generation of scholars. And, by the way, once you've seen a game from her seats, it is such a disappointment to sit anywhere else!

Frances was also the most generous donor to the department. Generations of graduate students have benefitted from the Frances Ingemann Linguistics Scholarship. And I am very pleased to share with you that Frances's most recent contribution will ensure full-time support for one student throughout their entire graduate program.

So, Frances, as we say goodbye, you can rest assured knowing that your legacy will endure. We will continue along the trail that you blazed so courageously. Rest in peace.



Frances Ingemann controls the speech synthesizer in the early 1960s



- Anita Herzfeld (University of Kansas) Space and socialization in bilingual individuals: Limonese Creole in Spanish-speaking Costa Rica
- **Cornelia Paraskevas (Western Oregon University)** What can Linguistics offer the ELA teacher? Threshold concepts for the 21st century classroom
- Wendy Herd (Mississippi State University) Sociophonetic variation in Mississippi: Gender, ethnicity, and prevoiced plosives
- Philip T. Duncan (University of Kansas) What contrastively focused anticausatives and reciprocals say about each other in Ibibio
- Lauren Covey, Alison Gabriele and Robert Fiorentino (University of Kansas) Tracking the dynamics of wh-dependency resolution inside and outside of islands: An ERP investigation

Poster Session

- Jonah Bates (University of Kansas) One possessor, Two agreements: Multiple person exponence in Tseltal Mayan
- JP Doherty (University of Kansas) Pieces of the periphery
- David Kummer (University of Kansas) Control and related constructions in Ibibio
- Harold Torrence (University of California Los Angeles) The morpho-syntax of copying in factive clauses in Seereer
- Clifton L. Pye and Hiba E. Gharib (University of Kansas) Clitics in Sorani Kurdish
- Kelly Berkson, Stuart Davis and Alyssa Strickler (Indiana University) Phonetic /ay/-Raising in Fort Wayne, Indiana
- Olga Dmitrieva¹, Alexis Nicole Tews¹, Joan A. Sereno² and Allard Jongman² (¹Purdue University and ²University of Kansas) Production of obstruent voicing by American learners of Russian
- **Charles Redmon, Allard Jongman and Michael Vitevitch (University of Kansas)** Towards a topology of phonetic contrast: Quantifying the information encoded by acoustic cues across items in the lexicon
- **Seulgi Shin and Annie Tremblay (University of Kansas)** The effect of prosodic structure on lexical access: An investigation of Korean denasalization
- Nicholas Feroce, Lauren Covey, Alison Gabriele and Robert Fiorentino (University of Kansas) Working memory modulates the processing of referential ambiguity in Spanish: An ERP investigation
- Jiang Liu (University of South Carolina) ERP study of native and non-native speakers' visual recognition of Chinese characters
- **Stephen Politzer-Ahles (The Hong Kong Polytechnic University) -** *What kind of "context" is scalar infer ence realization sensitive to?*
- Xiao Yang, Robert Fiorentino and Utako Minai (University of Kansas) Effects of context and individual differences on the interpretation of the quantifier some





Dr. Kate Coughlin, along with colleagues Dr. Annie Tremblay and Dr. Mirjam Broersma, published their manuscript "The functional weight of a prosodic cue in the native language predicts speech segmen-

tation in a second language" in *Bilingualism: Language and Cognition*. She is also working on two manuscripts from an ERP project that used a masked priming task to demonstrate native-like sensitivity to inflectional morphology in non-native French speakers. Additionally, Coughlin is working on a manuscript entitled "An ERP investigation of the role of prediction and individual differences in semantic priming" with Dr. Robert Fiorentino, Lauren Covey, and Xiao Yang.



Prof. Robert Fiorentino presented work with students and collaborators at a number of conferences. Fiorentino and colleagues presented work on native and non-native sentence processing using the brain imaging

technique EEG at the 9th Annual Meeting of the Society for the Neurobiology of Language, the 2017 Hispanic Linguistics Symposium, the 2017 Georgetown University Round Table (GURT) on Languages and Linguistics, as well as at the 30th Annual CUNY Conference on Human Sentence Processing, where they also presented a project on semantic/pragmatic processing. In May 2017, Fiorentino presented his research on morphological processing in invited lectures at the University of California, Los Angeles and the University of California, Irvine. Prof. Fiorentino published manuscripts with faculty and student collaborators in *Neuroreport, Bilingualism: Language and Cognition, and Language Acquisition.*



Dr. Philip Duncan defended his dissertation *The role of argument structure in Me'phaa verbal agreement*, and continued his work investigating the syntax of the verbal domain in both Me'phaa and in Ibibio. He presented

papers at the Linguistic Society of America (with Harold Torrence) and at the KU Linguistics 50th Anniversary celebration. He also gave a talk at TEDxKU on issues related to prescriptivism/descriptivism and linguistic (in)justice, called "Why proper grammar is harmful to society." With Valerie Switzler and Nariyo Kono, Duncan worked on a Kiksht dictionary project supported by a Smithsonian Recovering Voices grant. He also participated in a workshop as part of the Project on the morpho-syntax and semantics of Headless Relative Clauses in Mesoamerican Languages, which was held at CIESAS Sureste in Chiapas, Mexico. Duncan published a paper in the Journal of American Indian Education (with Lizette Peter, Tracy Hirata-Edds, Durbin Feeling, Wyman Kirk, and Ryan Macke) as well as a book chapter for the anthology Undergraduate Research and the Academic Librarian: Case Studies and Best Practices (with Michelle Reed and Germaine Halegoua). Dr. Duncan also received a travel grant for and participated in the NSF-funded workshop "Expanding Linguistic Science by Broadening Native American Participation."



Linguistics Fulbright Scholars: Jin Myung Lee, South Korea, Yen Thi Hai Tran, Vietnam





Prof. Alison Gabriele continued her work on the second language acquisition and processing of syntax and semantics. She published a journal article in *Language Acquisition* with Lauren Covey and Robert Fiorentino and submitted several other papers reporting research which uses event-related potentials to examine sentence processing in native speakers and second language learners. Along with colleagues and students, she presented research at the CUNY Conference on Human Sentence Processing, the Georgetown University Roundtable

on Linguistics, the Neurobiology of Language Conference, the Hispanic Linguistics Symposium, and the KU 50th Anniversary celebration. Gabriele and Fiorentino continued an international collaboration with the Basque Center on Cognition, Brain, and Language, beginning a project that examines the extent to which variability in the native language and second language are related, testing Spanish-speaking learners of English in Spain and English-speaking learners of Spanish in the U.S. Gabriele continues to serve as an Associate Editor for the journal *Linguistics Approaches to Bilingualism* and is on the editorial boards of *Studies in Second Language Acquisition* and *Second Language Research*. Gabriele also continues to serve as the Director of Graduate Studies.



Prof. Allard Jongman spent part of his spring research leave in Oxford, UK, to work on the second edition of his textbook Phonetics: *Transcription, Production, Acoustics, and Perception* (co-authored with Prof. Henning Reetz). A Chinese translation of the book is also about to be published. Jongman published papers in the *Journal of the Acoustical Society* (with colleagues Sereno and Zhang and Dr. Zhen Qin Ph.D. 2017), *Frontiers in Psychology: Language Sciences* (with Sereno and colleagues from Simon Fraser University), *NeuroReport*

(with colleagues Minai, Fiorentino, and Sereno), and *Language Studies* (with Dr. Hanbo Yan Ph.D. 2016). Jongman also published a chapter in a Festschrift for his doctoral advisor Dr. Sheila Blumstein (with Dr. Bob McMurray, U. of Iowa). Prof. Jongman co-authored four presentations at the meeting of the Acoustical Society of America held in New Orleans, LA, last December. Jongman enjoyed organizing the celebration of the 50th anniversary of the department and welcoming many alumni back to campus. Prof. Jongman continued to serve as Associate Editor of *Phonetica*.



Prof. Andrew McKenzie took a great leap forward in his work on Kiowa, winning a threeyear grant from the National Science Foundation's Documenting Endangered Languages program to produce a semantic grammar of the Kiowa language. This grant will support fieldwork in Oklahoma with a research assistant, and was featured in news profiles on public radio and in print news outlets. McKenzie also published a book chapter on evidentiality in the *UMOP* series. His article on Turkic languages with Gülnar Eziz and Travis Major (M.A. 2014)

was accepted for publication in Glossa. In the spring, McKenzie gave presentations on the semantics of Kiowa incorporation at the Linguistic Society of America and the Society of Study of the Indigenous Languages of the Americas, as well as an invited colloquium talk at the University of Massachusetts Amherst. Last winter, Dr. McKenzie began collaborating with Dr. Gary Sutkin MD at the UMKC Medical Center on a project that analyzes the semantic sources of communication errors in the operating room.





Prof. Utako Minai was awarded a sabbatical leave for Spring 2017, during which she primarily worked on an eye-tracking project on children's comprehension of the focus word *only*, supported by the KU General Research Fund. Part of this project was presented at the 42nd Boston University Conference on Language Development in November 2017, with Lauren Covey, Teresa Girolamo (KU Child Language Doctoral Program), Cynthia Siew (U. of Warwick), Ivonne Weyers (U. of Bonn), Xiao Yang, Alex Vogt-Woodin and Dr. Kate Coughlin. Her collaborative

project on fetal language discrimination, funded by Frontiers/NIH, with Drs. Kathleen Gustafson (KUMC), Fiorentino, Jongman, and Sereno was published in *NeuroReport*, and was also featured in a variety of international news outlets. Her article on children's word identification and processing, co-authored with Drs. Breanna Krueger (MA 2011, now at U. of Wyoming) and Holly Storkel (KU Speech-Language-Hearing) is currently in press for publication in the *Journal of Speech, Language, and Hearing Research*. Minai also published two book chapters, one on children's meaning comprehension in an edited volume published in Japan, and the other on second language learners' comprehension of the Japanese quantifier *nanko-ka* ("some"), co-authored with Naoko Nadtochiy (Johnson County Community College) in an edited volume on Chinese and Japanese language acquisition research. She also made a presentation at the 30th Annual CUNY Conference on Human Sentence Processing with Xiao Yang and Dr. Fiorentino.



Prof. Clifton Pye completed the third year of his project documenting the acquisition of Northern Pame (Oto-Manguean) with funding from the NSF. As community outreach for the project Pye and collaborators designed and published a series of books for the Pame families with transcriptions in Pame of the recordings that they made with their children. Pye presented the first report on the acquisition of Northern Pame at the Conference on Indigenous Languages of Latin America at the University of Texas at Austin in October.



Prof. Joan Sereno, Chair of the Department of Linguistics, continued her research examining acoustic changes and perceptual consequences of second language speech, with five recent articles. One article was research with Dr. Yu-Fu Chien (Ph.D. 2016) and colleague Zhang (*Language and Speech*); one article was with Dr. Quentin Zhen Qin (Ph.D. 2017) and colleagues Zhang and Jongman (*Journal of the Acoustical Society of America*); one article was a project with colleagues Minai, Fiorentino, and Jongman in collaboration with the Hoglund

Brain Imaging Center (Gustafson) (*NeuroReport*), one article was with colleagues at Simon Fraser University in Canada (*Frontiers in Psychology*), and the final article was a chapter in an edited volume (*The Speech Processing Lexicon: Neurocognitive and Behavioural Approaches*). In January, Sereno gave an invited talk (Sereno Symposium: Vibrations to representations) at the 42nd Annual Interdisciplinary Conference (AIC) in Breckenridge, Colorado. In December, Sereno co-authored two presentations at the meeting of the Acoustical Society of America (ASA) held in New Orleans, with colleagues (Jongman), international collaborators (Dr. Wang), and graduate students (Zeng, Cho, and Leung). Sereno is Editor of the journal *Language and Speech*. During 2017, she was also the Chair of the Linguistics section (Linguistics and Language Sciences, Section Z) for the *American Association for the Advancement of Science (AAAS)*. Prof. Sereno was awarded a Chancellors Club Teaching Professorship from the KU Endowment Association (2017-2022). This award recognizes excellence in teaching and is given to persons who have demonstrated outstanding teaching over a period of years.





Prof. Annie Tremblay continued to work with Drs. Mirjam Broersma, Taehong Cho, Sahyang Kim, and Elsa Spinelli on her NSF-funded project (*Effects of native language and*

linguistic exposure on non-native listeners' use of prosodic cues in speech segmentation). She co-wrote four articles that are in press or appeared in Applied Psycholinguistics (second-language processing of stress, with alumni Drs. Zhen (Quentin) Qin (Ph.D. 2017) and Yu-Fu Chien (Ph.D. 2016)), Bilingualism: Language and Cognition (second-language speech segmentation, with Drs. Mirjam Broersma and Caitlin Coughlin), Language Learning (second-language processing of stress, with graduate students Seulgi Shin and Simone Huls and with alumni Drs. Katrina Connell (Ph.D. 2017), Maria Teresa (Maite) Martínez-García (Ph.D. 2017), Zhen (Quentin) Qin (Ph.D. 2017), and Hanbo Yan (Ph.D. 2016)), and PLoS One (speech segmentation, with alumni Drs. Katrina Connell and Maria Teresa (Maite) Martínez-García, and with Drs. Jui Namjoshi, Mirjam Broersma, Elsa Spinelli, Taehong Cho, and Sahvang Kim). She also co-wrote an article commentary that appeared in Bilingualism: Language and Cognition (with Dr. Caitlin Coughlin). Together with Drs. Isabelle Darcy and Miquel Simonet, Prof. Tremblay finished co-editing a special issue in *Frontiers in Psychology* (Language Sciences) entitled "Phonology in the bilingual and bidialectal lexicon," and she continued her term as Associate Editor of Applied Psycholinguistics. With alumnus Dr. Zhen (Quentin) Qin and with Dr. Jie Zhang, Tremblay was also a co-author of a presentation given at the 173rd Meeting of the Acoustical Society of America (Boston).



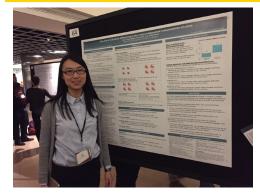
Prof. Jie Zhang continued to collaborate with colleagues at Hong Kong Polytechnic University on the neural mechanisms of tone sandhi production and submitted a grant proposal

to the Research Grant Council of Hong Kong. He also secured KU-internal grants from the Graduate Research Fund and the China, India, and Korea Faculty Research Fund to support the research. Preliminary results from the research have been presented at the 9th Annual Meeting of the Society for the Neurobiology of Language. Additional conference presentations with students and colleagues include the 174th Meeting of the Acoustical Society of America, the 91st Annual Meeting of the Linguistic Society of America, Acoustics '17 Boston, and the 2017 Linguistic Society of Hong Kong Annual Research Forum. He was invited to give lectures at the Chinese University of Hong Kong, Hong Kong Polytechnic University, East China Normal University, Shanghai International Studies University, Shanghai Jiao Tong University, and Dartmouth College. He is collaborating with Allard Jongman, Joan Sereno, and recent Ph.D. graduate Zhen Qin in the investigation of the role of variability in categorizing linguistic tone, and an article based on this research appeared in the Journal of the Acoustical Society of America. Additional articles appeared or are in press at Language and Speech, Laboratory Phonology, and Journal of Chinese Linguistics monograph series no. 26: Studies on tonal aspects of languages. Zhang was also invited to contribute chapters for the Cambridge Handbook of Chinese *Linguistics* and the *Oxford Handbook of Language Prosody* as well as various entries on phonology for the Encyclopedia of China, all of which are expected to see print in 2018.





2017 Frances Ingemann Scholarship – Xiao Yang



Xiao Yang was the recipient of the Frances Ingemann Scholarship for the 2016-2017 academic year. Xiao extends her gratitude to Prof. Ingemann and to all the Linguistics faculty for the honor. She began the doctoral program at KU in Fall 2014 after finishing her Master's degree in Linguistics at Purdue University. Xiao works with Prof. Robert Fiorentino, Prof. Alison Gabriele, and Prof. Utako Minai on various topics on semantics processing. In addition, she collaborated with Prof. Joan Sereno and Dr. Yu-Fu Chien on an EEG project investigating Mandarin tone sandhi. Xiao has presented her poster on the role of individual differences in scalar implicature at the 2017 CUNY

Conference on Human Language Processing and at KU Linguistics 50th Anniversary, and has given talks on the project at KU Child Language Proseminar and at Fudan University in Shanghai, China. In her dissertation, Xiao will examine the processing of tense mismatch in Mandarin, extending the range of topics in her research program. She was awarded funding by KU Doctoral Student Research Fund for the dissertation project.

2017 Frances Ingemann Lecture - James S. Magnuson



James S. Magnuson, Ph.D. Department of Psychological Sciences & Connecticut Institute for the Brain and Cognitive Sciences University of Connecticut

LOGICAL PROBLEMS IN PHONETIC CONSTANCY

How do listeners achieve phonetic constancy in speech perception despite the apparent many-to-many mapping between acoustics and perceptual categories (that is, the familiar lack of invariance problem)? My specific focus will be the

accommodation of talker variability: acoustic-phonetic mappings vary between talkers due to differences in physical characteristics, idiolect, dialect, and accent. Explanations for phonetic constancy despite talker variability can be placed in three categories. The first is *mapping*: the listener computes talker-specific mappings when there is a talker change (this includes talker normalization theories). The second is *episodic*: through experience, we cluster linguistic instances based on similarity, removing the need for explicitly computing a mapping. The third is *invariance*: on this explanation, there *are* invariant cues in speech, but scientists do not know how to extract or characterize them (this includes direct realism, but also some conventional psychological / engineering approaches). I will discuss logical problems that arise for all three of these accounts based on previous literature on talker changes even when talkers are (potentially) maximally familiar (one's own spouse and child), or when talker changes are perfectly predictable, and discuss the challenges these results pose for the three kinds of explanations. I will also discuss the use of talker-change experiments with deep learning networks as a kind of ideal observer model that may afford new insights.



Graduate Student News



Jonah Bates gave a poster presentation about the results of his corpus study on the effect of the diminutive on Tseltal person marking for the KU Linguistics 50th Anniversary Conference to be published with other presentations from that event in a special issue of the Kansas Working Papers in Linguistics in 2018. This research was expanded into a fuller syntactic account and presented in a talk titled Multiple Exponence in the Oxchuc Tseltal DP at the Conference on Indigenous Languages of Latin America VIII at the University of Texas-Austin. The contents of this talk will be published in the proceedings of that conference in 2018. In ongoing research, Jonah expanded his thesis on the typology of semantic change in person marking and began work on a

paper documenting a previously undiscovered sound change in Mam Mayan based on work with Dr. Pye. He continued to work as a GTA for LING 106 Introduction to Linguistics and LING 325 Syntax 1. Additionally, Jonah served as a reviewer and editor for the Kansas Working Papers in Linguistics beginning in Fall 2017.



Lauren Covey was awarded three dissertation awards for her dissertation, titled "An ERP Investigation of Individual Differences in the Processing of Wh-Dependencies by Native and Non-Native Speakers," which is co-supervised by Dr. Robert Fiorentino and Dr. Alison Gabriele. Lauren was awarded grants by the National Science Foundation, the journal *Language Learning*, and the William Orr Dingwall Foundation in the Cognitive, Clinical, and Neural Foundations of Language. With Dr. Fiorentino and Dr. Gabriele, she published her M.A. work, "Can learners use morphosyntactic cues to facilitate processing? Evidence from gender agreement in Hindi" in

Language Acquisition. She received a travel award to present her dissertation research at the 30th Annual CUNY Conference on Human Sentence Processing, and also presented at the 9th Annual Meeting of the Society for the Neurobiology of Language, and the KU Linguistics 50th Anniversary Celebration. In joint work with Dr. Utako Minai, Lauren also presented "Examining the role of pragmatics during children's comprehension of only: An eye-tracking study" at the 40th Annual Boston University Conference on Language Development, for which she received the Paula Menyuk Travel Award.



Nick Feroce defended his master's thesis on an ERP study of pronominal processing in native Spanish speakers. He presented posters on his research at the Georgetown University Roundtable on Languages and Linguistics, KU Linguistics 50th Anniversary, and at the 2017 Society for Neurobiology of Language conference with Dr. Alison Gabriele, Dr. Robert Fiorentino, and Lauren Covey. Additionally, Nick presented talks at the 2017 Hispanic Linguistics Symposium, KU Child Language Proseminar, and KU Red Hot Graduate Research forum. At the Hispanic Linguistics Symposium, he also gave a talk with Dr. Ana de Prada Pérez (University of Florida) on a variationist study of subject pronoun expression in the oral narratives of second-language

Spanish learners. In the fall, he began a project with Dr. Allard Jongman examining the production of voiced approximants in second-language Spanish learners.



David Kummer received the KU Graduate Research Competition award and Sigma Xi Research Competition award for the poster presentation "A Ton of Planks in Plankton: Examining Morpho-Orthographic Decomposition in the Early Stages of Complex Word Processing" at the

2017 University of Kansas Graduate Research Symposium (in April of 2017). He also presented the poster "Control and Related Constructions in Ibibio" at

the KU Linguistics 50th Anniversary Conference (in September of 2017).

Chang Liu, Jin Myung Lee, Yen Tran, Lauren Covey, Lena Roesner, Longcan Huang, Alex Vogt-Woodin at the Linguistics 50th Anniversary





Graduate Student News



Charles Redmon published a paper in the Proceedings of the Meeting on Acoustics fall 2017, and just submitted a paper to the *Journal of the Acoustical Society of America* based on his M.A. project. He presented "Distributional factors in Telugu sibilant production" poster at the 174th Meeting of the Acoustical Society of America: New Orleans, LA, USA, December, 2017 (with Dr. A. Jongman and Dr. J. Zhang) and "Towards a topology of phonetic contrast: Quantifying the information encoded by acoustic cues across items in the lexicon" poster at the 50th Anniversary of the KU Linguistics Department (with Dr. A. Jongman and Dr. M. Vitevitch). He also gave two

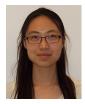
talks "Moving beyond the minimal pair: Estimating the global acoustic information underlying phonemic contrasts in the lexicon" at the Linguistics Colloquy, November, 2017 and "Quantifying distributed acoustic information in the lexicon through simulations on a weighted phonological network" at the Child Language Proseminar, November, 2017.



Seulgi Shin, Dr. Katrina Connell, Dr. Simone Hüls, Dr. Maria Teresa Martínez-García, Dr. Zhen Qin, Dr. Hanbo Yan, and Dr. Annie Tremblay published "English learners' use of segmental and suprasegmental cues to stress in lexical access: an eye-tracking study" in Language Learning.



Delaney Wilson, with Dr. M. Nadeu, and Dr. J.G. van Hell, presented a poster "Phonological convergence in Spanish-English bilinguals: VOT differences in habitual and nonhabitual speakers" at the 58th meeting of the Psychonomic Society, Vancouver, BC, November 2017.



Xiao Yang presented a poster titled "The role of individual differences in the context-dependent interpretation of some" at the 30th CUNY Conference on Human Sentence Processing (Cambridge, MA). She also gave a talk titled "Context-dependent meaning computation: The role of Question Under Discussion and individual differences in scalar implicature" at the KU Child Language Proseminar. She taught LING106 as the independent instructor in Summer 2017, and was selected to serve as the Graduate Research Consultant to work with Dr. Minai in her Fall 2017 Capstone class. Xiao received the Travel Award from the CUNY conference and the Fran-

ces Ingemann scholarship.



Rustle Yuyu Zeng presented a poster titled "Audio-visual perception of Mandarin tone in clear speech" at the 174th Meeting of the Acoustical Society of America in New Orleans (2017), with Dr. Allard Jongman, Dr. Joan Sereno, and Dr. Yue Wang and Keith Leung from Simon Fraser University. She finished

data collection and data analysis of her Master's project "Tone perception: where the boundary lies, how categorical it is, and the falling tone preference", and hopes to defend it in Spring 2018.

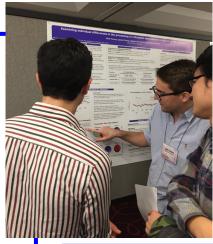
> Yasmeen Cruz, Mary Raab, Edgar Wen, and Pete McAtee at the Linguistics 50th Anniversary





Graduate Student Research

Nick Feroce is currently developing a dissertation project to examine how native and second language learners of Spanish speakers use various semantic and discourse cues to resolve null and overt pronouns during online processing. He also recently began a project examining the production of voiced approximants in contexts of consonant clusters by second language Spanish learners. Additionally, he is currently recoding data from the oral narratives of second language Spanish learners in order to examine the role of priming on referent form expression, particularly with null and overt pronouns.

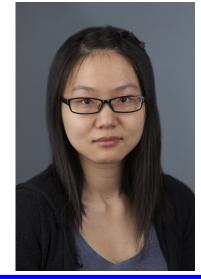




Charles Redmon's current research aims to study the acoustics of obstruent contrasts as a function of the ensemble of words they distinguish in the lexicon of a given language. The first stage of this research focuses on English, and with the help of

Allard Jongman and Michael Vitevitch, through simulations on a 26,000-word database of isolated words produced by a single speaker, and corresponding experiments on listener perception in noise, addresses a few intertwined questions: (1) to what degree are current estimates of cue distributions to obstruent contrasts, based largely on data from restricted segmental and prosodic contexts, representative of the occurrence of such contrasts in the lexicon as a whole; (2) what is the lexically global discriminating information provided by different features of the acoustic signal; and (3) based on this information, can phonetic categories/contrasts be derived statistically from their lexical cue distributions. In the future, he plans to extend this framework to account for an as yet unpredictable process of free variation between sibilants in Garo, a Tibeto-Burman language spoken in Northeast India.

Rustle Yuyu Zeng is researching MMN sensitive to tonal categories. The mismatch negativity (MMN) arises from electrical activity in the brain when the incoming stimuli are presented in an oddball paradigm, i.e. one odd stimulus is placed after multiple homogeneous stimuli. Many linguistic categories, such as consonants and vowels, have been shown to elicit MMN. This project investigates whether MMN is sensitive to linguistically-relevant suprasegmental pitch cues. The crux of the project is to differentiate general auditory processing of pitch from linguistic processing of tone. Via carefully designed experiment, we aim to clarify the nature of the elicited MMN.





Graduate Student Research

Yen Tran is developing English oral competence for Vietnamese students via online practice with English speakers. The Viet Skype project aims to develop English oral skills for Vietnamese students studying at Thai Nguyen University (SFL-TNU), Vietnam, via online practice with English speakers. The program is initiated by English teachers at SFL-TNU with Roger Gillespie, a former Canadian journalist. Viet Skype has been operated since 2015 with the participation of over 80 volunteers and students so far. In the project, student and volunteers spend about 1 hour talking about a chosen topic. The conversations were designed to be similar to IELTS speaking questions. So far, students have shown improvement in oral skills after 12 weeks practice. We are doing further analysis to the data (individual case) and measuring the success of the program. More details about the program can be found here: http://gillespieroger.wixsite.com/vietnamvolunteers/about





Xiao Yang has several research projects focusing on how complex meaning is processed and how individuals differ in these aspects. Her major paper examined the interaction of semantics and pragmatics in meaning computation by looking at the scalar term *some* as it appears in wider context. Specifically, the study tested the extent to which native speakers distinguish the interpretation of *some* (as 'some but not all' or as 'some') based on the context. In addition, the study examined for the first time whether this sensitivity to context vary from person to person among adult native speakers. The study comprehensively tested multiple kinds of individual abilities that may subserve the computation of context-dependent meaning (cognitive factors, personality-based factors, and language skills), in order to precisely locate the source of the individual variation. Her finding shows that both cognitive



factors and personality-based factors modulate individual speaker's sensitivity to context, contrasting with previous studies that only examined one kind of abilities in relation to interpreting scalar terms outside of context. The results further suggest robust individual variation in sentence comprehension even among adult native speakers, which has previously been thought of as a homogenous group.



Welcome New Graduate Students



Ruoqian Cheng - China - B.A. in Chinese Language from Fudan University - Research: phonetics, Chinese dialectology, psycholinguistics, neurolinguistics - Ph.D. candidate



Shuxiao Gong - China - B.A. in English from Beijing Language & Culture University, M.A. in Linguistics from University College London - Research: phonology (lexicon and typology) - Ph.D. candidate

2017-2018 GTAs

Jonah Bates - LING 325 & 312 Ruoqian Cheng - LING 110 Lauren Covey - LING 110 John-Patrick Doherty - LING 106 Shuxiao Gong - LING 106 Longcan Huang - LING 106 & 110 David Kummer - LING 320 Wenting Tang - LING 110 Alex Vogt-Woodin - LING 320 Xiao Yang - LING 106 Yuyu Zeng - LING 305 & 435

2017 Linguistics Awards

Graduate Teaching Award

Mingxing Li

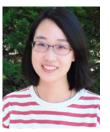
Outstanding Graduate Student Service Award

Charlie Redmon

Dissertation Award

Lauren Covey





Jin Myung Lee - Korea - B.A. in TESOL & English Linguistics and M.A. in English Linguistics from Hankuk University Foreign Studies - Research: second language processing, psycholinguistics, neurolinguistics - Ph.D. candidate

Chang Liu - China - B.A. in Teaching Chinese as a Foreign Language from Central China Normal University and M.A. in Curriculum & Instruction from University of Kansas - Research: second language acquisition, phonetics, psycholinguistics - M.A. candidate

Yen Thi Hai Tran - Vietnam - B.A .in English Language Teacher Education from Thai Nguyen University - Research: neurolinguistics -M.A. candidate



Delaney Wilson - United States -B.A. in Linguistics from Pennsylvania State University - Research: second language acquisition, psycholinguistics, neurolinguistics -Ph.D. candidate

Promising Undergraduate Linguistics Junior Award

Marcus Robinson

Distinguished Undergraduate Linguistics Major Award

James Tandy

Outstanding Undergraduate Student Service Award

Heaven Synder





2017 Graduations – Congratulations!

UNDERGRADUATE STUDIES

BACHELOR OF ARTS

MAJORS

Natalie Block Rachel Georges Madeline Hamlin Van Hassell Molly Kaup Annellise Kolar Isabela Lago Brian Lathrum Megan Lawrence Kennedy Lee Hazara Leon Kerry McCullough Yuanzhi Meng Joshua Migeul Carmen Ortiz Alexandria Parnell Madeleine Riley Marc Robinson Kyra Roesle Rachel Sandle Kelly Settle Kimberly Veliz

MINORS

Kieran Bateman Tiana Chin David Crane Andrei Elliott Danielle Gibson Bailey Hogan Ellarie Woolpert



Attendees of the Linguistics 50th Anniversary Celebration



2017 Graduations – Congratulations!

GRADUATE STUDIES

MASTER OF ARTS

Reema Al-Mutair - Written Exam

Nicholas Feroce "Working memory modulates the processing of pronominal ambiguity in Spanish: Evidence from event-related potentials" (Advisors: Robert Fiorentino and Alison Gabriele)

Masashi Harada "Pseudoclefts in Japanese" (Advisor: Andrew McKenzie)

Ryan Johnson - Written Exam

Charles Redmon "Source characteristics of dorsal frication" (Advisor: Allard Jongman)

DOCTOR OF PHILOSOPHY

Ibrahima Ba "Nominalization in Pulaar" (Advisor: Andrew McKenzie)

Katrina Connell "The use of segmental and suprasegmental information in lexical access: A first- and second-language Chinese investigation" (Advisors: Annie Tremblay and Jie Zhang)

Philip Duncan "The role of argument structure in Me-phaa verbal agreement" (Advisors: Andrew McKenzie and Harold Torrence)

Mingxing Li "Sibilant contrast: Perception, production, and sound change" (Advisor: Jie Zhang)

Kotoko Nakata "Explicit learning of Japanese mimetic words using voicing, germination, and reduplication rules" (Advisor: Joan Sereno)

Zhen Qin *"How native Chinese listeners and second-language Chinese learners process tones in word recognition: An eye-tracking study"* (Advisors: Annie Tremblay and Jie Zhang)



Watching the eclipse -Lena Roesner, Lauren Covey, Kate Coughlin, Delaney Wilson, Ruoqian Cheng, Tingting Wang, Rustle Zeng, Kunning Yang, Xiao Yang, Corinna Johnson, and Shuxiao Gong



Prof. Maria del Carmen Parafita Couto received her Ph.D. at KU in 2005 under the supervision of Prof. Sara Rosen. Her Ph.D. dissertation, Focus at the interface, constituted a cross-linguistic study of how focus (new information) stands at the interface between syntax, phonology, and pragmatics. After three years as an assistant professor of Spanish Linguistics and International Studies at Kenyon College (Ohio, USA), she joined the ESRC Centre for Research on Bilingualism in Theory and Practice (Bangor, Wales) in 2008. It was during this time that she broadened her approach to include bilingualism and language contact to her research programme. Together with other members of the corpus-based group at the ESRC Centre for Research on Bilingualism, she collected conversations from three groups of bilinguals: Welsh-English, Spanish-English and Welsh-Spanish. The conversations were transcribed and made available in the public domain (www.bangortalk.org.uk). Since assuming her current position at the Leiden University Centre for Linguistics in August 2013, she has focused on confronting linguistic, sociolinguistic and psychological assumptions about bilingualism with new data and new laboratory and field techniques. She is one of the founders of the Bilingualism in the Hispanic and Lusophone World biannual conference series and has organized several bilingualism workshops, including a Lorentz Centre workshop on Key Debates in code-switching research, which took place in Leiden in January 2018 (http://www.lorentzcenter.nl/lc/ web/2018/959/info.php3?wsid=959&venue=Snellius). She (co-)edited a number of volumes and special issues on bilingualism and code-switching, including Spanish-English code-switching in the Caribbean and the US (Issues in Hispanic and Lusophone Linguistics 11, John Benjamins, 2016, https://benjamins. <u>com/#catalog/books/ihll.11</u>) or Methodologies for intra-sentential code-switching research (Linguistic Approaches to Bilingualism, 2018, https://benjamins.com/#catalog/journals/lab.8.1/main). Additionally she is an invited speaker at this year's EMLAR (http://emlar.wp.hum.uu.nl/invited-speakers/) as well as at Going Romance (https://easychair.org/cfp/goingromance2018).

https://www.universiteitleiden.nl/en/staffmembers/maria-del-carmen-parafita-couto/publications#tab-4



Dr. Parafita Couto and Dr. Pedro Mateo at the Lorentz Centre workshop in Leiden, January 2018



Dr. Pedro Mateo (Ph.D., 2010) is an Assistant Research Professor within the Maryland Language Science Center, University of Maryland. He is the Executive Director of the Field Station Guatemala. The Field Station offers supports and provides infrastructure for projects on social aspects of language, acquisition of indigenous languages of Guatemala, and experimental work in Mayan languages. Pedro is involved in different linguistic projects such as the documentation of the dialectal variation of Chuj (with Jessica Coon, McGill University), documentation of two Mayan languages in contact: K'iche' and Awakateko (with Maria Polinsky, University of Maryland), and processing of the acquisition of causatives in K'iche' (with Benjamin Ambridge, University of Liverpool).

The Mentored Research program is one of the successful program of the Field Station, it takes place every summer in Guatemala. This is a one-month program in which students take intensive classes in a Mayan language and do field work in any Mayan language of the students' choice.

In addition to research, Pedro teaches at the Department of Sociology and Anthropology at Universidad del Valle de Guatemala. He is a co-organizer of Form and Analysis of Mayan Linguistics (FAMLi V) (https://famli5.wordpress.com/), that will take place in Antigua Guatemala, Guatemala in August of 2018 (https://www.aecid-cf.org.gt/).



Faculty members and students of the Mentored Research program of the Field Station Guatemala at Universidad del Valle de Guatemala (UVG). <u>https://languagescience.umd.edu/beyond-umd/guatemala-field-station</u>



Department of Linguistics

Alumni Updates



Alex Straus and Sonja Straus (née Combest), both class of 2008, live in Shanghai, China. Alex serves as a consular officer with the U.S. State Department. Formerly an intellectual property administrator, Sonja now looks after their young son Noah (17 mos), who understands and is starting to produce an exciting mixture of sign language, English, and Chinese.

Dr. Zhen Quentin Qin (Ph.D., 2017) is a postdoc research fellow at the International Chinese Education Center, Shanghai Jiao Tong University. He continues his research in the learning and training of Chinese tones by collaborating with his colleagues in Shanghai and the faculties at KU. His recent research focuses on how Korean-speaking second language learners of Chinese perceive and produce Chinese tones using offline (e.g., tone identification test) and online (e.g., visual-world eye-tracking paradigm) tasks. He enjoys living in the city of Shanghai. In his free time, he plays volleyball and goes to meetings of his Toastmaster club.







Dr. Adrienne Johnson (Ph.D., 2015) is an Assistant Professor in the Department of Education at Missouri Western State University in St. Joseph, Missouri. She teaches a variety of courses related to preparing K-12 teachers to teach in culturally and linguistically diverse settings, in addition to serving as the TESOL graduate program coordinator. Recently, she has led and participated in English learner workgroups at the state level to develop non-regulatory guidance related to new mandates under the Every Student Succeeds Act. Dr. Johnson has also represented the regional TESOL affiliate (MIDTESOL) as a board member and

Socio-Political Concerns and Professional Standards Chair at advocacy events for English learners and teachers in Washington, D.C. for the past two years. Her current research is examining national training and certification requirements for teachers of English learners. Her other spare moments are filled with family and friends, as well as training for her first 50K.

Dr. María Teresa Martínez García (better known as Maite) completed her Ph.D. during the Summer of 2016, working on bilingualism and L2 speech perception and production under the mentorship of Dr. Annie Tremblay. After graduation, she worked one year as a visiting assistant professor in the Department of Literature and Languages at Texas A&M University-Commerce. However, since last August, Maite relocated to Seoul (South Korea), where she joined the faculty of the Spanish Depart-

ment at Hankuk University of Foreign Studies as an assistant professor in Spanish. Since February this year, she also joined the faculty at the Universitat Oberta de Catalunya (Spain) as an online instructor in English for their Foreign Language Center. During her free time, she works as a volunteer English teacher for an NGO in South Korea that tries to teach English to underprivileged kids in the society.









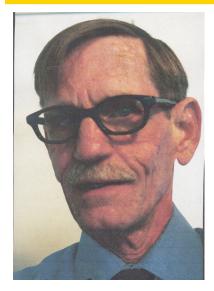
Dr. Maria Elsy Cardona (KU Linguistics Department, M.A., 1983; Spanish and Portuguese Department, Ph.D., 1996) is Associate professor of Spanish in the Department of Languages, Literatures and Cultures at Saint Louis University. 2018 marks her 22nd year at this post. During the last few years she has devoted her academic and research efforts to literary translation, highlighted by the publication in 2017 of her bilingual anthology of the Spanish poet, Aurora Luque: Haikus From Narila and Portuaria, in Spain (Luces de Gálibo). She also has been a recent participant in the annual conferences of both the American Literary Translators Association and the Bread Loaf Literary Translators. With another KU alumna, Elizabeth Montes (University of Calgary), and Marina Bettaglio (Victoria University,) she is currently preparing a Special Topics volume on the representation of women by Spanish cartoonists. She lives in St. Louis with her husband, Paul Wagman, a public relations executive, and their 11 year old Bishu, Issa. She is looking forward to becoming a grandmother.



Dr. Stephen Politzer-Ahles (Ph.D., 2013) is now adjusting to the tenure-track life in Hong Kong, and all the behind-the-scenes stuff that he was mercifully sheltered from in his graduate student days (committee meetings! grant writing!). He has overhauled the Psycholinguistics class to revolve around students' doing three hands-on experiments of gradually increasing difficulty and gradually increasing freedom; this setup should sound familiar to alumni of KU's Phonetics II class! Bringing the learning style and academic standards he learned from KU into a place where most students do not come from this academic culture and aren't used to the same expectations has been an eye-opening learning experience. While teaching occupies a lot of time, he is also slowly getting some research projects off the ground, including some with KU alumni and current KU students. In addition to continuing old research projects, Stephen is also getting to try new stuff: his first visual world eye-tracking study is going to start data collection in just a few days, and as a result of his various students' interests he has also dipped his toe in translation priming, Ganong effect, and McGurk effect experiments recently. And this year Stephen had a new milestone: bringing his first set of RAs to their first conference.

Dr. Mohammed Malahmeh received his Ph.D. from KU 2013. He is currently an Assistant Professor of Linguistics at Mutah University in Jordan. He is working these days on preparing his research and teaching for a promotion to Associate Professor. Additionally he is preparing for a conference in USA this summer. Mohammed is also a member of an the organization committee for aconference that will be held at his University department in May 2018.





After **Michael O'Brien** graduated from KU in 1967, he got his M.A. at UCLA, where his Methow phonology flummoxed the phonetics people (that sound is not supposed to occur in Native American languages.) Finding that the UCLA emphasis was not where he wanted to go, he took a year in Europe, where his French and German came in handy, (They said he spoke French with a German accent and German with a French accent, but at least they could not pin him as an American.)

Returning to the U.S., he took a five week tour of Alaska, and found that his Salish research under M. Dale Kinkade kicked in, and he started collecting Northwest Coast Native American Art, which he continues to do today.

Subsequently, he earned hia Certificate in Landscape Architecture from UCLA Extension, and became a licensed Landscape Architect. During his employment with the L.A. City Planning Department, he overhauled their landscape requirements, and analyzed applications for development and recommended approval or disapproval. After retirement, he hired himyself out as a developer representative, advocating for development projects, which he continues to do.

At some point, Michael became enthralled with French Baroque opera (probably under the influence of David Dineen's French courses), and it remains a strong interest of his. Interestingly, his best friends in the UCLA program became a computer programmer, a dog trainer, and a technical writer, and they still discuss linguistic phenomena. He still enjoys reading about the research projects of the people in the Department, so obviously Michael is still infected with a linguistic point of view.

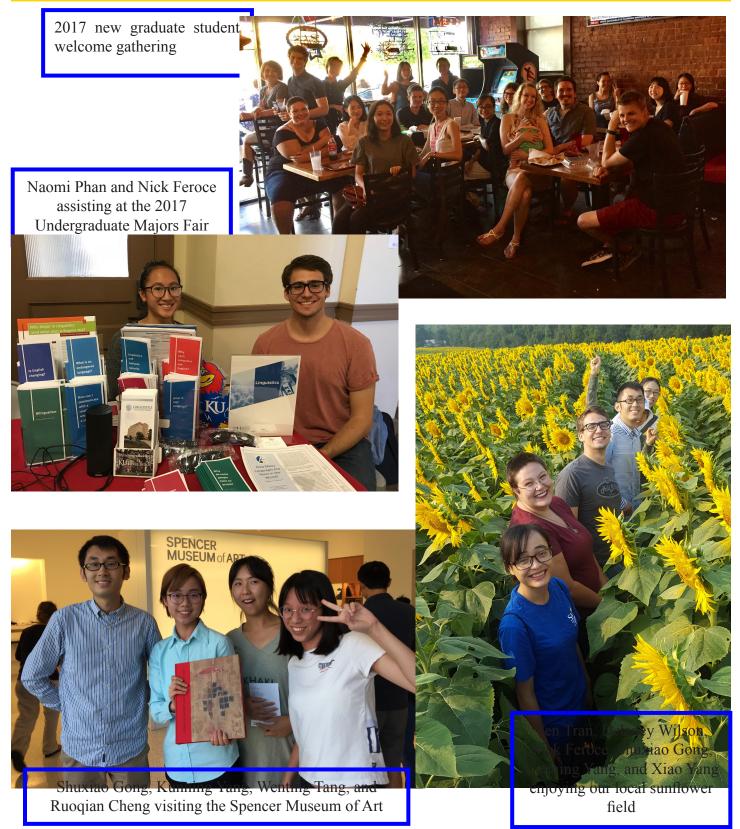
Dr. Sonia Manuel-Dupont (Ph.D., 1986) is a professor of Linguistics, English Education and Speech Language Pathology at Utah State University. Her area of research is cultural and linguistic diversity in Speech Language Pathology. She also teaches courses online in Phonology and Syntax. Her students are very involved in community engaged service learning. She is the current chair of SEEEME (Sustainable Engineering, Education and Economics). This is a nonprofit organization that works in Uganda.

Over the past 10 years SEEEME has built schools, dug wells, installed solar panels, provided medical clinics, provided micro loans and trained teachers in schools and orphanages throughout Uganda. SEEEME also provides sanitary pads and maturation workshops for school girls. Most recently SEEEME built a school in Mbale and will return this summer to train teachers, set up a gardening program, set up pad-sewing projects, and install a well and solar panels to the school. She lives in Smithfield Utah with her husband, Ryan who is a professor of Environmental Engineering at USU.





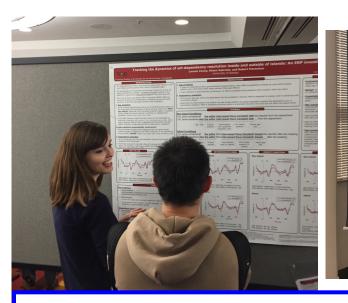
Photo Gallery - Graduate Student Gatherings



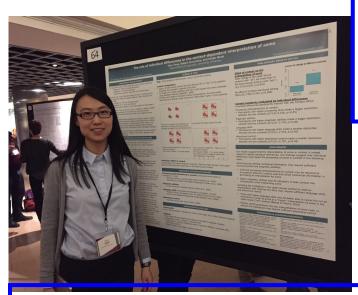


Department of Linguistics

Photo Gallery - 2017 Presentations



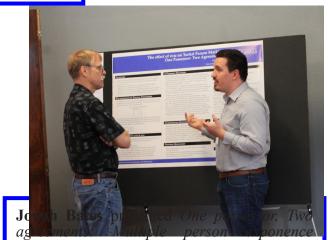
Lauren Covey presented *Tracking the dynamics of wh-dependency resolution inside and outside of islands: An ERP investigation* at the 9th Annual Meeting of the Society for the Neurobiology of Language



Xiao Yang presented *The role of individual differences in the context-dependent interpretation of some* at the 30th CUNY Conference on Human Sentence Processing







in Tseltal Mayan at the Linguistics 50th Anniversary poster session



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