CURRICULUM VITAE

KEVIN HIRSCHI, PH.D.
Kevin.Hirschi@utsa.edu

EDUCATION

2024   **Ph.D. in Applied Linguistics** – Northern Arizona University
Dissertation Title: *Mobile-Assisted Pronunciation Training for Intelligibility, Comprehensibility, and Pragmatically Appropriate Prosody* Chair: Okim Kang; Committee Members: Luke Plonsky, Naoko Taguchi, Helmer Strik, and Catia Cucchiarini

2016   **M.A. in Teaching English as a Second Language** – Northern Arizona University

2006   **Dual Bachelor of Arts in Music and French, Minor in Russian Area Studies, Summa Cum Laude** – Northern Arizona University

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PUBLICATIONS

——————BOOKS / PROCEEDINGS——————

Kang, O., & **Hirschi, K**. (*in preparation*). *Second Language Intelligibility: Linguistic characteristics and measurement*.

Kang, O., Staples, S., Yaw, K., & **Hirschi, K**. (2020). *Proceedings of the 11 Annual Pronunciation in Second Language Learning and Teaching Conference*, ISSN 2380-9566, Northern Arizona University, September 2019. Ames, IA: Iowa State University. https://iastate.app.box.com/s/68irdgqeceus9zb5vu3ztubvm7btosjh

——————JOURNAL AND ACADEMIC PAPERS——————

Hirschi, K. & Kang, O. (*in press*). Machine Learning (ML) tools for Second Language (L2) Speech Evaluation and Technology-Assisted Pronunciation Training Research. In K. Sadeghi (Ed). *Routledge Handbook of Technological Advances and Considerations in Second Language/Applied Linguistics Research.* Routledge.

Kang, O., Miao, Y., & **Hirschi, K**. (*2024*). Test-takers' Perceptions of the Inclusion of Different English Accent Varieties in the IELTS Listening Tests. *RELC Journal*. Advance online publication. https://doi.org/10.1177/00336882241231310

Hirschi, K. & Kang, O. (*2024*). Data-Driven Pronunciation Learning for Intelligibility in the Academic Spoken Context. Special issue on Assessing the effectiveness of corpus-based approaches to English language teaching, *TESOL Quarterly*. Advance online publication. https://doi.org/10.1002/tesq.3302

Hirschi, K. & Kang, O. (2023). How many raters can be enough: G Theory Applied to Assessment and Measurement of L2 Speech Perception. *Language Teaching Research Quarterly 37,* 213–230. https://doi.org/10.32038/ltrq.2023.37.12

Hirschi, K., Kang, O., Hansen, J., & Looney, S. D. (2023). Fluency benchmarks and impacts of practice with instantaneous assessment on International Teaching Assistants' speech rate and pause units. In R. I. Thomson, T. M. Derwing, J. M. Levis, & K. Hiebert (Eds.), *Proceedings of the 13th Pronunciation in Second Language Learning and Teaching Conference*, held June 2022 at Brock University, St. Catharines, ON. https://doi.org/10.31274/psllt.15711

Kang, O., **Hirschi, K.,** Hansen, J., Looney, S., & Miao, Y. (2023). Using lexical stress, speech rate, rhythm, and pauses to characterize and normalize second language speech intelligibility. *Proceedings of Meetings on Acoustics, 50*(1), 060008. https://doi.org/10.1121/2.0001790

Kang, O., & **Hirschi, K**. (2023). Pronunciation assessment criteria and intelligibility. *Speak Out! Journal of the IATEFL Pronunciation Special Interest Group*, *68*, 25–34.

Shekar, R. C.M.C., Yang, M., **Hirschi, K.,** Looney, S.D., Kang, O., Hansen, J. (2023). Assessment of Non-Native Speech Intelligibility using Wav2vec2-based Mispronunciation Detection and Multi-level Goodness of Pronunciation Transformer. *Proc. Interspeech 2023*. 984–988. https://doi.org/10.21437/Interspeech.2023-2371

Yang, M., **Hirschi, K.,** Looney, S.D., Kang, O., & Hansen, J.H.L. (*2022*). Improving Mispronunciation Detection with Wav2vec2-based Momentum Pseudo-Labeling for Accentedness and Intelligibility Assessment. *Proc. Interspeech 2022*. 4481–4485. https://doi.org/10.21437/Interspeech.2022-11039

Hirschi, K., Kang, O., Hansen, J., Cucchiarini, C., & Strik, H. (2022). Mobile-assisted pronunciation training with adult ESOL learners: background, acceptance, effort, and accuracy. In J. Levis & A. Guskaroska (eds.). *Proceedings of the 12th Pronunciation in Second Language Learning and Teaching Conference*, held June 2021 virtually at Brock University, St. Catharines, ON. https://doi.org/10.31274/psllt.13272

Kang, O., **Hirschi, K**., Miao, Y., Ahn, H., & Won, Y. (2022). Test takers' IELTS preparations and their attitudes towards IELTS practices and the use of technologies in the global pandemic. *IELTS Research Report Series.* https://www.ielts.org/-/media/research-reports/kang-et-al-2022.ashx

Taguchi, N., **Hirschi, K**., & Kang, O. (2022). Longitudinal L2 Development in the Prosodic Marking of Pragmatic Meaning: Prosodic Changes in L2 Speech Acts and Individual Factors. *Studies in Second Language Acquisition, 44*(3), 843-858. https://doi.org/10.1017/S0272263121000486

Hirschi, K. (2021). The Prosody of Formulaic Sequences [Review of the book *The Prosody of Formulaic Sequences: A Corpus and Discourse Approach* by P Lin]. *English for Specific Purposes, 62*, 158–159. https://doi.org/10.1016/j.esp.2021.02.001

Hirschi, K., Kang, O., Cucchiarini, C., Hansen, J., Evanini, K., & Strik, H. (2020). Mobile-Assisted Prosody Training for Limited English Proficiency: Learner Background and Speech Learning Pattern. *Proc. Interspeech 2020*. 4452–4456. https://doi.org/10.21437/Interspeech.2020-2901

Kang, O., Staples, S., Yaw, K., & **Hirschi, K.** (2020). Interdisciplinary intersections in pronunciation learning and teaching. In O. Kang, S. Staples, K. Yaw, & K. Hirschi (Eds.), *Proceedings of the 11th Pronunciation in Second Language Learning and Teaching conference*, ISSN 2380-9566, Northern Arizona University, September 2019 (pp. 1–4). Ames, IA: Iowa State University.

Hirschi, K. (2020). Duolingo (Technology Review). In O. Kang, S. Staples, K. Yaw & K. Hirschi (Eds.), *Proceedings of the 11th Pronunciation in Second Language Learning and Teaching Conference*, ISSN 2380-9566

Erguvan, M. M., Parjanadze, N., & **Hirschi, K.** (2019). Educating for the Cooperative Society: The role of universities in fostering good citizenship. In G. Redding, S. Crump, & A. Drew (Eds.). *Oxford Handbook of Comparative Higher Education Systems and University Management*. New York, NY: Oxford University Press.

Hirschi, K. (2018). Intonation and Word Stress in Georgian EFL Learners' Utterances: does Praat Training Help? *International Journal of Multilingual Education 11*(1), 47-60.

—————————INNOVATIONS AND DATA SHARING—————————

Kang, O., Looney, S., Hansen, J., & **Hirschi, K**. (2024). Second Language University Speech Intelligibility Corpus. *Linguistic Data Consortium*. https://doi.org/10.35111/p79q-a948

Kang, O., **Hirschi, K.** (2021). Applied Linguistics Speech Lab Corpus Repository. https://sites.google.com/nau.edu/applied-ling-speech-lab-nau/corpus-repository

PROFESSIONAL EXPERIENCE

2024- **Assistant Professor**
Bicultural-Bilingual Studies. The University of Texas at San Antonio. San Antonio, Texas.
  Courses
   • ESL 5043- Listening and Speaking in English as an Additional Language

—————————PREVIOUS TEACHING POSITIONS—————————

2023-present **Graduate Teaching Assistant**
Program in Intensive English. Northern Arizona University. Flagstaff, Arizona.
  Courses
   • Pronunciation and Vocabulary, Level 5

2023 **Invited Lecturer**
International Black Sea University. Tbilisi, Georgia.
Undergraduate Courses
   • PHIL 042: Introduction to Applied Linguistics (online)

2022-2023 **Graduate Teaching Assistant**
English Department. Northern Arizona University. Flagstaff, Arizona.
  Graduate Courses
   • ENG 768: Adv. Statistics for Applied Linguistics (led module on linear mixed effects models)
  Undergraduate Courses
   • ENG 220: Language and Society (led weekly breakout classes)

2020-2021   **Instructor of Record**
&   English Department. Northern Arizona University. Flagstaff, Arizona.
2014-2016   Graduate Courses
- ENG 558: ESL Methods and Materials: Listening and Speaking (online asynchronous)

    Undergraduate Courses
- ENG 105: Critical Reading and Writing in the Academy (mainstream and specialized L2 sections, online and face-to-face)
- ENG 205: The Academic Writer's Workshop (online and face-to-face)

2018-2020   **Instructor of Record**
&   Lecturer 2018-2019, Graduate Teaching Assistant 2019-2020, Adjunct 2006-2009
2006-2009   Global Languages and Cultures. Northern Arizona University. Flagstaff, Arizona.
                   Undergraduate Courses
- FRE 101: First Year French
- FRE 102: First Year French (online and face-to-face)
- FRE 201: Second-Year French (online and face-to-face)

2016-2018   **English Language Fellow**
                  U.S. Department of State and Georgetown University. International Black Sea University. Tbilisi, Georgia.
                    Undergraduate English Philology Program
- EDU 107: Adv. English Listening and Pronunciation I (Instructor of Record)
- EDU 107: Adv. English Listening and Pronunciation II (Instructor of Record)
- EDU 111: Adv. English Speaking I (Co-taught)
- EDU 201: Adv. English Speaking II (Co-taught)
- EDU 105: Adv. Composition I (Co-taught)
- EDU 106: Adv. Composition II (Co-taught)
- EDU 404: Academic Writing (Co-taught)
- EDT 404: Educational Technologies & Material Development (Co-taught)

    Undergraduate American Studies Program
- PRE 007: American Pop-Culture and Music (online and face-to-face, Instructor of Record)
- AMS 109: Adv. English Speaking and Listening I (Co-taught)
- AMS 105: Adv. Composition I (Co-taught twice)
- AMS 105: Adv. Composition II (Instructor of Record and co-taught)
- AMS 113: Intro. to American Studies (Instructor of Record and co-taught)

    Teacher Training Certificate Program
- TTE 003: Teaching Principles and Methods (Co-taught)
- TTE 002: General Didactics (Co-taught, led module on action research)

    Supplementary courses
- TESOL Pre-Service course for juniors (designed and co-taught)
- TESOL Pre-Service course for seniors (designed and co-taught)

2010-2012	**Peace Corps Volunteer University TEFL Teacher**

U.S. Peace Corps Kyrgyzstan. Issyk-Kul State University Kasym Tynystanov. Karakol, Kyrgyzstan.

   Undergraduate English Philology Program
- Business English (co-taught)
- English Conversation (co-taught)
- Academic Writing (co-taught)
- Newspaper (co-taught)
- Home reading (co-taught)
- Idioms (co-taught)

   Supplemental Courses
- TESOL 30-hour Certificate Course (Co-designed and co-taught)
- TESOL 20-hour Project and Practicum Course (Co-designed and co-taught)
- TOEFL Preparation Course (Designed and taught)

──────PREVIOUS RESEARCH POSITIONS──────

2021-2023   **Lead Research Assistant**
Northern Arizona University. Flagstaff, Arizona
Supervisor: Dr. Okim Kang (NAU). Co-PIs: Dr. John Hansen (University of Texas-Dallas) and Dr. Stephen Looney (Penn State University).
Title: *Collaborative research: Second Language Speech Production: Formulation of Objective Speech Intelligibility Measures and Learner-Specific Feedback.*
- Developed on-line suprasegmental pilot course for ten International Teaching Assistants (ITAs)
- Collaborated to create protocol for enrolling 120 ITAs and English learners into the study and managing their communication and task completion
- Developed and managed data collection system for transcription, acoustic analysis, human rater evaluation, and cross-institution data sharing for 500+ time-sensitive audio recordings with Qualtrics API automation, SharePoint, and Python scripts to collate data from disparate sources for 100+ feedback forms
- Led creation of rater and coder standards and training materials
- Conducted periodic data quality checks and analyses of results
- Collaborated to publish study results and make public a corpus of project speech data
- Coordinated participant incentives with multiple institutional departments

2021-2022   **Research Assistant (part time)**
Northern Arizona University. Flagstaff, Arizona
Supervisor: Dr. Okim Kang
Title: *Test takers' attitudes and perceptions towards IELTS and the use of technologies in IELTS preparation and tests*
IELTS Joint Funded Research Program

- Collaborated to develop study design and survey items
- Coordinated participant incentives with multiple institutional departments
- Led statistical analyses for study results

2021 *Summer*	**Research Assistant (part time)** Northern Arizona University. Flagstaff, Arizona Supervisor: Dr. Okim Kang Title: *Development of second language speech corpus* NAU SCA Award

- Coordinated centralization of speech corpora and collated corpus descriptions
- Conducted data checks for deidentification and completeness
- Created web site with corpus details for future research

2019-2021	**Research Assistant (part time)** Northern Arizona University. Flagstaff, Arizona Supervisor: Dr. Okim Kang Title: *Developing an Effective Interactive Oral Communication Tutor* NAU RBS Grant

- Collaborated with external researchers and industry to develop communication skills lessons in a specialized mobile app
- Recruited and assisted 30 non-traditional learners of English to complete mobile lessons
- Collaborated with Dr. Kang on several research reports related to participant background, effort, and outcomes

COURSES TAUGHT

*Indicates instructor of record

Graduate
- ENG 558: ESL Methods and Materials: Listening and Speaking*
- ENG 504: Introduction to Linguistics (co-taught)

Undergraduate
Northern Arizona University, Program in Intensive English
- Level 5 Pronunciation and Vocabulary: Intelligibility and Academic Language*

Northern Arizona University, English Department
- ENG 105: Critical Reading and Writing in the Academy (mainstream and specialized L2 sections)*
- ENG 205: The Academic Writer's Workshop*
- ENG 220: Language and Society (led weekly breakout classes)

Northern Arizona University, French Department
- FRE 101: First Year French*
- FRE 102: First Year French*
- FRE 201: Second-Year French*

International Black Sea University, English Philology and American Studies Departments
- EDU 107: Adv. English Listening & Pronunciation I
- EDU 107: Adv. English Listening & Pronunciation II
- EDU 111: Adv. English Speaking I
- EDU 201: Adv. English Speaking II
- EDU 105: Adv. Composition I
- EDU 106: Adv. Composition II
- EDU 404: Academic Writing
- EDT 404: Educational Technologies & Material Development
- PRE 007: American Pop-Culture and Music
- AMS 109: Adv. English Speaking and Listening I
- AMS 105: Adv. Composition I
- AMS 105: Adv. Composition II
- AMS 113: Intro. to American Studies*
- PHIL 042: Introduction to Applied Linguistics*

Issyk-Kul State University Kasym Tynystanov, English Philology Department
- Business English
- English Conversation
- Academic Writing
- Newspaper
- Home reading
- Idioms

Certificate / Other
International Black Sea University, Teacher Training Certificate Program
- TTE 003: Teaching Principles and Methods
- TTE 002: General Didactics

International Black Sea University, Supplemental Courses
- TESOL Pre-Service course for juniors
- TESOL Pre-Service course for seniors

Issyk-Kul State University Kasym Tynystanov & FORUM Teachers Association Training Series
- TESOL 30-hour Certificate Course
- TESOL 20-hour Project and Practicum Course
- TOEFL Preparation Course

PRESENTATIONS

——————INVITED TALKS AND KEYNOTES*——————

Hirschi, K. & Kang, O. (2024, March). AI approaches to L2 pronunciation evaluation and intervention. In S. Crossley, *Leveraging artificial intelligence in second language acquisition research* [Invited Colloquium]. 2024 AAAL Conference. Houston, Texas.

Hirschi, K. (2023, November). *Measurement Consistency Roadmap: Reliability, Dependability, and Generalizability*. Guest speaker in Dr. Kate Yaw's Research Methods course. University of South Florida.

Kang, O. & **Hirschi, K**. (2023, March). *Intelligibility and Successful Communication for International Teaching Assistants in Global Contexts*. ITA and Applied Linguistics Intersection panel at TESOL 2023. Portland, Oregon.

Hirschi, K. (2023, March). *Mobile-Assisted Pronunciation Training*. Technology and Pronunciation CALL/SPLIS intersection panel at TESOL 2023. Portland, Oregon.

Hirschi, K. (2023, March). *Tools for Item Analysis*. Guest Lecture for Dr. Okim Kang's ENG 638: Assessment for Second Language Skills course. Northern Arizona University.

Hirschi, K. (2023, March). *Pronunciation Teaching and Research: An Overview*. Guest Lecture for Dr. Reza Dalman's ENG 558: ESL Methods and Materials: Listening and Speaking course. Northern Arizona University.

Hirschi, K. (2023, March). *Repeated Measures ANOVA and ANCOVA*. Guest Lecture for Dr. Reza Dalman's ENG 558: ESL Methods and Materials: Listening and Speaking course. Northern Arizona University.

Hirschi, K. (2023, February). *English Teaching in Central Asia and Eastern Europe*. Guest speaker in Dr. Ekaterina Sudina's English for Global Communication course. Eastern Carolina University.

Hirschi, K. (2022, October). *Les tendances récentes en linguistique appliquée pour les étudiants en français [Recent Trends in Applied Linguistics for French Majors]*. Guest speaker in Dr. Erika Hess' French Capstone class. Northern Arizona University.

Hirschi, K. (2021, November). *Speech and Technology*. Guest Lecture for Dr. Okim Kang's ENG 420c Course. Northern Arizona University.

Hirschi, K. (2021, November). *Editing Audio Files in Python with pysox*. Workshop for PyClub. Northern Arizona University.

Hirschi, K. (2021, January). *Accent, Identity, and Social Justice in French Language Teaching*. Northern Arizona University French Department Talk. Online.

Hirschi, K. (2020, June). *Lexical Bundles in Quoted Speech: A Study of Two Key French Sequences Using Python*. LAEL Webinar Series. Online.

Hirschi, K. (2020, May). *Teaching and Practicing Speaking in Synchronous and Asynchronous Online Classes*. 10th International Research Conference on Education. Language, and Literature. Tbilisi, Georgia. Online.

Hirschi, K. (2018, April). *Teaching English Pronunciation: Research, Techniques, and Fun*. 8th International Research Conference on Education, Language, and Literature. Tbilisi, Georgia.*

Hirschi, K. (2018, February). *From Teacher to Researcher: How to Start Understanding ELT Scientifically*. English Teachers Association of Georgia Conference. Tbilisi, Georgia.

Hirschi, K. (2017, April). *Rubrics for Essays and the L2 Writer*. 7th International Research Conference on Education. Language, and Literature. Tbilisi, Georgia.*

Hirschi, K. (2016, November). *Negative Language in Editorials: The Case of Donald Trump's Candidacy*. 9th International Research Conference on American Studies. Tbilisi, Georgia.*

Hirschi, K. (2014, October). *Language Learning and Life-long Service*. Global Languages Day. Flagstaff, AZ.*

Stoller, F., Wright, H., Brown, D., Morris, K., & **Hirschi, K.** (2014, March). *How to Give Effective Academic Presentations*. Professional Development Panel, Graduate Students Association of Applied Linguistics (GSAAL).

*DENOTES KEYNOTES

——————WORKSHOPS AND WEBINARS——————

Kang, O. & **Hirschi, K.** (2022, August). *English Pronunciation Workshop Series for New International Students*. Two-series hands-on workshop for IEP and ITA L2 English speakers at universities in the U.S. Online.

Kang, O. & **Hirschi, K.** (2022, May). *Intelligibility and Successful Communication in Global Contexts*. Online workshop with the International Teaching Assistant Program at Pennsylvania State University. Online.

Hirschi, K. (2021, November). *Workshop on Processing Audio with SoX in Python*. Hands-on Virtual Workshop with GSAAL and PyClub. Northern Arizona University.

Hirschi, K. (2021, February). *Understanding Accent and Teaching Communication Skills in Lingua Franca Contexts*. English Teacher's Association of Georgia Webinar Series. Online.

Hirschi, K. (2018, April). *Towards Two Billion English Speakers: Teaching Intelligible English Pronunciation in an English-Speaking World*. Workshop, 8th International Research Conference on Education. Language, and Literature. Tbilisi, Georgia.

Hirschi, K. (2018, April). Workshop in using JASP for quantitative analysis. International Black Sea University and English Language Fellows Program. Tbilisi, Georgia.

Hirschi, K. (2018, January). *Teaching Pronunciation in an English as a Lingua Franca World*. IATEFL Hungary and English Language Fellow Outreach Training. Debrecen, Hungary.

Hirschi, K. (2017, December). *Communicative Competence and Interaction*. English language teaching and American culture training as part of the ACCESS Microscholarship program. Tbilisi, Georgia.

Hirschi, K. (2017, April). *Using Corpora to Develop Authentic Tests*. Workshop, 7th International Research Conference on Education, Language, and Literature. Tbilisi, Georgia.

Hirschi, K. & Parjanadze, N. (2017, January). *Integrating Corpora into the Academic Writing Classroom*. 7th South Caucasus Regional ELT Conference. Tbilisi, Georgia.

Hirschi, K. (2017, January). *Designing an American culture course: Infusing academic writing, presentation skills, and vocabulary learning*. 2016-2017 EUR Mid-Year English Language Fellows Conference. Tbilisi, Georgia.

Hirschi, K. (2012, March). *Key Elements for Teaching Speaking*. Issyk-kul Oblast FORUM Training Series. Balykchi, Kyrgyzstan

Hirschi, K. (2012, January). *Transitioning from Translation to Communicative Language Teaching*. Issyk-kul Oblast FORUM Training of Trainers. Cholpon-Ata, Kyrgyzstan.

Hirschi, K. (2012, January). *Using Resources and Research in English Language Teaching*. Issyk-kul Oblast FORUM Training of Trainers. Cholpon-Ata, Kyrgyzstan.

Toktorbaeva, A. & **Hirschi, K.,** (2011, June). *Long-range planning: Working plan and syllabus*. Teacher training workshop series, Issyk-kul Oblast FORUM. Karakol, Kyrgyzstan

─────────────REFEREED CONFERENCE PRESENTATIONS─────────────

Hirschi K. & Kang, O. (2023, September). *AI-Based Mobile-Assisted Pronunciation Training on Production and Perception of English Segmental Contrasts*. 15th Annual Pronunciation in Second Language Learning and Teaching Conference. Ames, Iowa.

Hirschi, K., Kang, O. (2024, March). The impact of Data-Driven Learning for second language pronunciation on English lexical stress and prominence. 2024 AAAL Conference. Houston, Texas.

Hirschi, K., Martin, L., & Kang, O. (2023, October). *Data-Driven Learning for pronunciation: A study of prominence and lexical stress in the EAP context*. Technology for Second Language Learning Conference (TSLL). Online.

Kang, O., **Hirschi, K.,** Hansen, J., & Looney, S. D. (2023, October). *Technology-Based L2 Intelligibility Feedback: Balancing Global and Local Pronunciation Feedback*. Technology for Second Language Learning Conference (TSLL). Online.

Hirschi, K., & Kang, O. (2023, October). *Impact of Lexical Stress on L2 Intelligibility in Academic English*. IATEFL PronSIG Online Conference 2023. Online.

Hirschi K. & Kang, O. (2023, September). *How Many and What Kind of Raters are Needed for Intelligibility, Comprehensibility, and Accentedness Research: A G Theory Analysis*. 14th Annual Pronunciation in Second Language Learning and Teaching Conference. West Lafayette, Indiana.

Hirschi, K., Kang, O., Hansen, J., & Looney, S. (2023, March). *Exploring the threshold of intelligibility through suprasegmental features: Employing nonlinear regression for optimal modeling of intelligibility*. 2023 AAAL Conference. Portland, Oregon.

Kang, O., **Hirschi, K.,** Looney, S., & Hansen, J. (2023, March). *Effects of Technology-Based Learner-Specific Feedback on International students' Speech Intelligibility*. 2023 AAAL Conference. Portland, Oregon.

Looney, S**.,** Kang, O., Hansen, J., & **Hirschi, K.** (2023, March). *Challenges for Integrating Intelligibility-Based Pronunciation Feedback into Instruction: Teacher Experiences and Perceptions*. 2023 AAAL Conference. Portland, Oregon.

Conway, J., Kang, O., **Hirschi, K.,** Miao, V., Ahn, H., & Won, Y. (2023, March). *Test Takers' Perceptions of Technology-Based Tests in IELTS, and Their Use of Test Preparation Resources in Various Contexts*. 2023 AAAL Conference. Portland, Oregon.

Kang, O., **Hirschi, K**., Hansen, J., & Looney, S. (2022, December). *Characterization and normalization of second language speech intelligibility through lexical stress, speech rate, rhythm, and pauses*. 183rd Meeting of the Acoustical Society of America. Nashville, Tennessee.

Hirschi, K. Kang, O., & Looney, S. (2022, October). *Intelligibility-based formative assessment on suprasegmentals: Saliency, uptake, and delivery*. IATEFL PronSIG Online Conference 2022. Online.

Kang, O. & **Hirschi, K.** (2022, October). *Pronunciation Assessment Criteria and Intelligibility*. IATEFL PronSIG Online Conference 2022. Online.

Huensch, A., Edalatishams, I., Ghanem, R., Puga, K., Staples, S., Centanin Bertho, M., & **Hirschi, K.** (2022, September). *Digital tools for building and analyzing spoken corpora: Moving beyond lexicogrammar to pronunciation and fluency.* 15th International American Association for Corpus Linguistics Conference (AACL 2022). Flagstaff, AZ.

Kostromitina, M., & **Hirschi, K.** (2022, September). *Analysis of Intonation Patterns in Naturalistic and Elicited L1 and L2 Spoken Corpora.* 15th International American Association for Corpus Linguistics Conference (AACL 2022). Flagstaff, AZ.

Hirschi, K., Kang, O., Hansen, J. H., Looney, S. (2022, June). *Effects of technology-based pronunciation feedback on ITA's intelligibility and accentedness*. 13th Annual Pronunciation in Second Language Learning and Teaching Conference. St. Catherines, Ontario, Canada.

Hirschi, K. (2022, May). *"Well, I disagree!" Understanding and teaching the social dimensions of English intonation*. 12th International Research Conference on Education. Language, and Literature. Tbilisi, Georgia.

Hirschi, K., Kang, O., Hansen, J. H., Looney, S. (2022, March). *The effects and attitudes towards mobile-assisted pronunciation and communication training on international teaching assistants' oral performance*. 2022 AAAL Conference. Pittsburgh, Pennsylvania.

Hirschi, K., Kang, O., Hansen, J. H., Looney, S. (2021, December). *Effects of technology-based suprasegmental instruction and feedback on advanced L2 English speakers' intelligibility and accentedness*. Accents Conference. Online.

Hirschi, K. (2021, December). *The Intonation of L2 Collaborative Spoken Tasks: Pitch Concord and Dominant Tone Choices*. Accents Conference. Online.

Kang, O., **Hirschi, K.**, Miao, V. Ahn, H., & Won, Y. (2021, December). *Test Takers' Perspectives on the Current IELTS Practice and Their Test Preparation*. ALTAANZ online conference.

Hirschi, K., Kang, O., Hansen, J., Cucchiarini, C., & Strik, H. (June, 2021). *Mobile-Assisted Pronunciation Training for non-Academic English learners: Learner background, effort, and accuracy*, PSLLT 2021. Online.

Hirschi, K., Kang, O., Taguchi, N. (2021, March). *Perceptual judgement of second language speech and pragmatic success*. 2021 AAAL Virtual Conference. Online.

Hirschi, K. & Wood, M. (2020, October). *Mobile-Assisted Pronunciation Training: The good, the bad, and the useful*. AZTESOL 2020 Virtual State Conference. Online.

Hirschi, K., Kang, O., Cucchiarini, C., Evanini, J., Hansen, J. H., & Strik, H. (2020, October). *Mobile-assisted pronunciation training with limited English proficiency: Learner background and speech pattern*. INTERSPEECH 2020.

Hirschi, K., Kang, O., Hansen, J. H., Strik, H., Cucchiarini, C., & Evanini, J. (2020, September). *Designing a Mobile-Assisted Pronunciation Training (MAPT) Resource for International Teaching Assistants (ITAs)*. 7th Annual AZ CALL. Online.

Hirschi, K. (2020). *C'est ce qu'il y a: syntactic variation and contextual patterns of c'est and il y a in historical and Modern French*. 2nd Arizona Graduate Conference in French. Tucson, AZ.

Hirschi, K. (2019, September). *Training Intonation and Word Stress Through Praat: Techniques and Resources for Pronunciation Practice*. Pronunciation in Second Language Learning and Teaching Conference. Flagstaff, AZ.

Travelbee, A., **Hirschi, K.**, Wood, J., & Conrad, K. (2019, June). *Self-Access in the United States: The Context, Learners, and Possibilities*. Encuentro Internacional de Centros de Autoacceso 2019. Mexico City, Mexico.

Hirschi, K., & Kia, E. (2018, October). *Trump across the Times: A Diachronic Analysis of Discourse Organization of Editorials*. Arizona Corpus Linguistics Conference 2018. Flagstaff, AZ.

Hirschi, K., & Parjanadze, N. (2018, May). *Teaching EFL Learners Appropriate Email Requests through Pragmatic Training*. Language in Focus. Thessaloniki, Greece.

Hirschi, K. (2018, February). *Intonation and Word Stress in Georgian EFL Learners' Utterances: Does Praat Training Help?* Second Language Teaching / Acquisition in the Context of Multilingual Education (SELTAME) Conference. Tbilisi, Georgia.

Hirschi, K. (2016, April). *Teaching Email Pragmatics to IEP Students*. TESOL 2016 Master's Student Forum. Baltimore, MD.

Sagdic, A. & **Hirschi, K.** (2015, October). *Teaching Indirect Criticism: Inductive and Deductive Instruction*. Arizona Teachers TESOL. Mesa, AZ.

Sagdic, A. & **Hirschi, K.** (2015, March). *Teaching Implicature through Explicit Instruction*. Second Language Acquisition and Teaching Roundtable. Tucson, AZ.

Hirschi, K. (2014, October). *TOEFL Preparation and Critical Thinking*. AZTESOL State Conference. Flagstaff, AZ.

GRANTS

5/2023-12/2024	Linguistic analysis of a corpus of spoken American English: A CURE project with implications for scholars, teachers, and students worldwide. *Office of Undergraduate Research and Creative Activity Faculty CURE Development Grant at Northern Arizona University*. ($7000), Awarded. My role: Co-PI with Lizzy Hanks.
10/2023-10/2024	Mobile-Assisted Pronunciation Training for Intelligibility, Comprehensibility, and Pragmatically Appropriate Prosody: Comparisons of Self-Access and Instructed Learning Contexts. *The International Research Foundation for English Language Education (TIRF) 2023 Doctoral Dissertation Grant (DDG)*. ($2500), Awarded. My role: PI.
10/2022	Collaborative research: Second Language Speech Production: Formulation of Objective Speech Intelligibility Measures and Learner-Specific Feedback. *National Science Foundation RETTL Grant*. ($850,000), not funded. PI: Dr. Okim Kang (NAU). Co-PIs: Dr. John Hansen (University of Texas-Dallas), and Dr. Stephen Looney (Penn State University). My role: assisted with grant proposal writing.
7/2022-5/2023	Mobile-Assisted Pronunciation Training for Communicative Success: Effects and Moderating Factors of Motivation and Technology

	Acceptance. *Duolingo Dissertation Research Grant.* ($5000), Awarded. My role: PI.
2/2022-5/2023	Mobile-Assisted Pronunciation Training for Intelligibility, Comprehensibility, and Pragmatically Appropriate Prosody. *Language Learning Dissertation Grant.* ($2000), Awarded. My role: PI.
2/2022-5/2023	Mobile-Assisted Pronunciation Training for Communicative Success: Effects and Moderating Factors of Motivation and Technology Acceptance. *Mango Languages Dissertation Grant.* ($1000), not funded. My role: PI.
3/2022-8/2022	Mobile-Assisted Pronunciation Training for Intelligibility, Comprehensibility, and Pragmatically Appropriate Prosody. *Northern Arizona University Support for Graduate Students Program.* ($1500), Awarded. My role: PI.
1/2021-present	Collaborative research: Second Language Speech Production: Formulation of Objective Speech Intelligibility Measures and Learner-Specific Feedback. *National Science Foundation EAGER Grant.* ($300,000) PI: Dr. Okim Kang (NAU). Co-PIs: Dr. John Hansen (University of Texas-Dallas), and Dr. Stephen Looney (Penn State University). My role: assisted with grant proposal writing and lead research assistant for grant implementation.
01/2021-03/2022	Test takers' attitudes and perceptions towards IELTS and the use of technologies in IELTS preparation and tests. *IELTS Joint Funded Research Program.* ($29,844), Awarded. PI: Okim Kang. My role: Co-PI, writing the proposal and part-time research assistant.
06/2020-07/2021	Enhancing Oral Communication Skills for Adult ESOL Learners: A Linguistic Profile and Mobile-Assisted Language Learning. *Spencer Foundation.* ($50,000), finalist but not funded. PI: Okim Kang. My role: Co-PI, writing the proposal with Okim Kang.
03/2012-04/2012	Issyk-Kul English Teachers' Association Resource Center. *Peace Corps Small Project Assistance grant.* ($1,890), Awarded. My role: PI.
10/2011-05/2012	Leadership and Networking for Issyk-Kul English Teachers. *TEA-ILEP Alumni Small Grants competition.* ($3,500), Awarded. PI: Nazgul Kabylbaeva. My role: Assisted with designing, authoring, and implementing grant.
10/2011-01/2012	Issyk-Kul English Teachers' Association Resource Center. *Peace Corps Partnership Program.* ($3,028), Awarded. My role: PI.
04/2011-10/2011	First steps to effective communication: A new conversation curriculum for English Language students at Issykkul State University. *Peace Corps Small Project Assistance grant.* ($678), Awarded. My role: PI.

AWARDS AND SCHOLARSHIPS

2023	Most Promising Graduate Student Research Scholar 2023 Award. Office of the Vice Provost of Research, Northern Arizona University (NAU).
2019 - 2023	Presidential Fellow, Northern Arizona University. ($9000), Awarded annually.
2015, 2016, 2023	Travel Grant Award, Graduate Student Government of Northern Arizona University. ($325-$500), Awarded three times.
2016	Travel Grant Award, Provost Office of Northern Arizona University. ($175), Awarded.
2001-2006	Scholar, Gates Millennium Scholars Program. (~$5,000), Awarded annually.

PROFESSIONAL SERVICE AND LEADERSHIP POSITIONS

—————————MANUSCRIPT, ABSTRACT, AND GRANT REVIEWER—————————

Journals & Proceedings
- Applied Linguistics
- English Australia Journal
- Issues in Applied Linguistics
- Language Assessment Quarterly
- Language Learning
- PSLLT Proceedings
- Studies in Second Language Acquisition
- TESOL Journal
- TESOL Quarterly

Conferences
- 7th South Caucasus Regional ELT Conference (2017)
- TESOL Graduate Student Forum (2016)
- TESOL (2016)
- Kyrgyzstan FORUM Annual Conference (2011)

Grant / Scholarship Review Committees
- Professional Fellows Program (PFP), American Councils, Georgia (2016, 2017)
- Teaching Excellence and Achievement (TEA) program, US Embassy in Georgia (2017)
- Global Undergraduate Exchange Program (UGRAD, 2017)
- Benjamin A. Gilman International Scholarship Program, NAU (2008)

—————————CONFERENCE ORGANIZATION—————————

Sep 2022	Organizing Committee Volunteer, 15th International American Association for Corpus Linguistics Conference (AACL 2022). Flagstaff, AZ.

Sep 2019	Co-organizer, Pronunciation in Second Language Learning and Teaching (PSLLT) conference. Flagstaff, AZ.
Apr 2016	Co-organizer, TESOL 2016 Master's Student Forum. Baltimore, MD.
Jan 2012	Conference and Training Program Organizer, Issyk-kul Oblast FORUM Training of Trainers, Cholpon-Ata, Kyrgyzstan.

—————————LEADERSHIP POSITIONS—————————

2021-present	Board Member, Culture Connection AZ (non-profit) cultureconnectionaz.org
2021-2022	Co-Founder, PyClub at NAU.
2021-2022	Vice President, Graduate Association of Applied Linguistics (GSAAL).
2020-2021	PhD Social Coordinator, Graduate Association of Applied Linguistics (GSAAL).
2015-2016	Vice President, Graduate Association of Applied Linguistics (GSAAL).

PROFESSIONAL AFFILIATIONS

American Association of Applied Linguistics (AAAL). Member.

Arizona Teachers of English to Speakers of Other Languages (AZ TESOL). Member.

English Teachers' Association of Georgia (ETAG). Member.

Issyk-Kul Oblast FORUM English Teachers Association (IK FORUM), Kyrgyzstan, Member.

TESOL International Association. Member.

COMPUTER SKILLS

- Computational processing of human speech using PyTorch and Whisper
- Programming languages for data collection/manipulation and web (Python, C#, Javascript, PHP)
- Programming for data analysis and statistical analysis (R, Pandas, ggplot2)
- Programming for speech analysis (Praat scripting, sox, Python textgrid and librosa)
- Software for statistical analysis (SPSS, R Studio, Amos)
- Online course management systems (Blackboard Learn, Canvas, Moodle)

LANGUAGES

- English – Native
- French – Proficient
- Russian – Advanced
- Kyrgyz – Advanced
- Spanish – Intermediate
- Turkish – Intermediate
- Chickasaw – Novice
- German – Novice
- Georgian – Novice