

Imran Musaji, PhD, CCC-SLP

Assistant Professor
Department of Communication Sciences & Disorders
Wichita State University
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EDUCATION

PhD Communication Sciences and Disorders Wichita Wichita State University, Wichita, Kansas	May 2020
MA Communication Sciences and Disorders <i>summa cum laude</i> Wichita State University, Wichita, Kansas	May 2014
MS Human Biology, University of Indianapolis, Indianapolis, Indiana	May 2011
BS Double major in Anthropology and Science and Technology in Society Michigan State University, East Lansing, Michigan Lyman Briggs Honors College Graduate	May 2004
3rd Arts, Archaeology and Sociology University College of Dublin, Ireland	May 2004

CERTIFICATIONS

Certificate of Clinical Competence (CCC-SLP), American Speech-Language-Hearing Association, 2014-Present

License to practice Speech-Language Pathology in the State of Kansas, Kansas Department for Aging And Disability Services, 2014-Present

American Heart Association Certified, Basic Life Support, CPR And AED Training For Healthcare Providers Community And Emergency Response Training, 2012-Present

Khanmigo AI Certification for Educators, Khan Academy, 2024

PROFESSIONAL EXPERIENCES:

2020-Present: **Assistant Professor**

Wichita State University

2017-2021: **Speech-Language Pathologist**

Wesley Medical Center; Wesley Woodlawn Hospital and ER

2014-Present: **Speech-Language Pathologist**

Key Rehabilitation

2016-2019: **Clinical Educator, Diagnostic Team Coordinator**

Wichita State University Evelyn Hendren Cassat Speech-Language-Hearing Clinic

2012-2014, 2017-2019: **Graduate Research/Teaching Assistant**

Wichita State University

2010-2011: **Tutor**

Baccalaureate for University of Indianapolis Learning Disabled Program, University of Indianapolis

2008-2010: **Laboratory Teaching Assistant**

University of Indianapolis

2009: **Field Supervisor**

Indiana Prehistory Laboratory, University of Indianapolis

2008: **Forensic Lab Assistant**

University of Indianapolis

2006-2008: **Assistant Language Teacher**

Jet Program, Shizuoka, Japan

2004-2006: **Offsite Programs Assistant**

Outreach Education, St. Louis Science Center

SCHOLARLY PUBLICATIONS

***Musaji, I.**, (accepted, 2024). Approaches to Training Speech-Language Pathologists to Work with People with Aphasia: A Systematic Review. *AJSLP*

***Musaji, I.**, (resubmitted with major revisions, 2024). Development of a Prototype Chatbot-based Rapid Screening Tool for Computer-Mediated Communication Impairment. *Perspectives*

O'Bryan, E., Lu, H., **Musaji, I.**, & Olmstead, A. (2024). The Maze Task as a Sentence Formulation Treatment for Aphasia: A Feasibility Study. *International Journal of Health Technology and Innovation*, 3(03), 4-13.

Musaji, I., & Smith, R. M. (2024). Telepractice group conversation treatment for aphasia: positive results with scope for methodological growth. *Evidence-Based Communication Assessment and Intervention*, 1-5.

Musaji, I., Roth, B., Coufal, K., Parham, D. F., & Self, T. L. (2021). Comparing in-Person and Telepractice Service Delivery for Spoken Language Production and Comprehension Using the National Outcomes Measurement System. *International journal of telerehabilitation*, 13(1), e6373. <https://doi.org/10.5195/ijt.2021.6373>

Musaji, I., Self, T., Marble-Flint, K., & Kanade, A. (2019). Moving from Interprofessional Education Toward Interprofessional Practice: Bridging the Translation Gap. *Perspectives of the ASHA Special Interest Groups*, 1-6.

SELECTED AWARDS AND HONORS

WSU Graduate Teaching Assistantship	2016—2020
WSU Graduate Teaching/Research Assistantship	2012—2014
Marie Newton Sepia Memorial Scholarship	2019
First Recipient of The Sam-Rosemary Sherr College of Health Professions Dean's Excellence Scholarship	2019
Outstanding Overall Service-Learning Project	2019
WSU Graduate Student of the Year Finalist	2019
Kruske Fellowship	2017
Pilot International Founders Fund Scholarship	2017
Alpha Eta Society	2012

RESEARCH GRANTS

Funded:

Musaji, I. (2022). *Continued Analysis Using iMotions Eye-gaze Analysis Software Suite in the Computer Mediated Communication Lab*. Clifford W. & Leah E. Gaulter Memorial Grant. Wichita State University College of Health Professions. (Role: PI, Funded for 1 year, \$1,300).

Musaji, I. (2021). *Assessing the Impact of EMR Affordance on Clinician Behavior: A Pilot Study*. Wichita State University University Research/Creative Projects Award (URCA). (Role:PI, Funded for 1 year, \$4,500).

Musaji, I. (2021). *Implementing the iMotions eye-gaze analysis software suite in the Computer Mediated Communication Lab*. Clifford W. & Leah E. Gaulter Memorial Grant. Wichita State University College of Health Professions. (Role: PI, Funded for 1 year, \$9,200).

Musaji, I. (2020). *Naturalistic eye-gaze data collection and analysis utilizing Pupil Invisible technology in the Computer Mediated Communication Lab*. Clifford W. & Leah E. Gaulter Memorial Grant. Wichita State University College of Health Professions. (Role: PI, Funded for 1 year, \$7,726).

WSU Special Research Fellowship – Student Travel, \$400	2019
Saruga Research Grant, \$2000	2008

Not Funded:

Musaji, I. (April, 2021). *Development of a Scalable Infrastructure for Deployment and Evaluation of a Prototype Chatbot-Based Assessment Tool*. ASHFoundation New Century Scholars Research Grant. (Role: PI, \$24,996)

O'Bryan, E., Marble-Flint, K., Kalomo, E., Markova, G., Bernstorf, E., Self, T., **Musaji, I.**, Richburg, C., Brown, M., & Kalb, A. (September 2020). *Improving services in rural areas of Kansas: Addressing disparities in services related to communication disorders*. Wichita State University President's Convergence Science Initiative. (Role: Co-Director/Co-PI, \$299,869)

Riggs, G., **Musaji, I.** (September 2020). *Implementing Telepractice Services at the Wichita State University Evelyn Hendren Cassat Speech-Language Hearing Clinic*. Evergy Hometown Economic Recovery Program. (Role:Co-PI, \$24,683)

INVITED CONFERENCE PRESENTATIONS

Musaji, I. (December 8, 2024). *Translating AI: Understanding AI's Role in Communication Sciences and Disorders*. ASHA 2024 Conference, Seattle WA.

Musaji, I. (November 21, 2024). *Artificial Intelligence in Speech Science: Exploring Real World Research Applications and Ethical Considerations*. ASHA SIG 19 Online Professional Development Workshop.

Musaji, I. (November 14, 2024). *AI Explained: Terminology, Usage, and the Path to Ethical Leadership*. 2024 KAPIO Conference, November 12, Wichita KS.

Musaji, I. (2024, October 1). *Artificial intelligence in CSD: Previewing real-world applications and potential pitfalls in our field*. ASHA SIG 18 Online Professional Development Workshop.

Musaji, I. (September, 2024). *Translating AI: Understanding AI's Role in Communication Sciences and Disorders*. ASHA 2024 Conference, Seattle WA.

Musaji, I., Wilson, K. (August 19, 2024). *Academic Integrity and Artificial Intelligence*. ARC 24 Conference, Wichita, KS.

Musaji, I., (August 17, 2023). *Introduction to Generative AI*. ARC 23 Conference, Wichita, KS.

Musaji, I., (May, 2023). *How AI is Being Used in Healthcare*. ARC 23 Conference, Wichita, KS.

CONFERENCE PRESENTATIONS

Berk, H., O'Bryan, E., Musaji, I., Thomas, C., & Harrington, J. (2024, October). Educating future nurse practitioners and physician associates on pretreatment of swallowing in head and neck cancer [Conference presentation]. Kansas Speech-Language-Hearing Association (KSHA) Annual Convention, Wichita, KS.

Wallis, E., Carter, M., Vagts, M., & Musaji, I. (2024, October). Analysis of predictive indicators for orofacial myofunctional disorders: Insights from a parental questionnaire [Poster presentation]. Kansas Speech-Language-Hearing Association (KSHA) Annual Convention, Wichita, KS.

*Wolters, I., Craig, K., Gochenauer, J., Winter, G., **Musaji, I.**, Bowen, A., & O'Bryan, E. (2024, October). A systematic review of current practices for training speech-language clinicians to work with people with aphasia [Poster presentation]. Kansas Speech-Language-Hearing Association (KSHA) Annual Convention, Wichita, KS.*

*Ruth, G., & **Musaji, I.** (2024, September). Adapting restaurant menus to support communicative accessibility for people with aphasia [Poster presentation]. Kansas Speech-Language-Hearing Association (KSHA) Annual Convention, Wichita, KS.*

*Berk, H., O'Bryan, E., **Musaji, I.**, Thomas, C., Harrington, J. (April, 2024). *Educating Nurse Practitioners and Physician Associates on Pretreatment of Swallowing in Head and Neck Cancer*. Graduate Research and Scholarly Projects Symposium, WSU.*

*Carter, M., Wallis, E., Vagts, M., **Musaji, I.** (April, 2024). *Analysis of Predictive Indicators for Orofacial Myofunctional Disorders in Children: Insights from a Parental Questionnaire*. Graduate Research and Scholarly Projects Symposium, WSU.*

*Stanley, M; Marble-Flint, K.; **Musaji, I.** (Nov, 2023). *The Experiences of Southeast Asian Parents and Caregivers When Accessing Early Intervention Speech-Language Pathology Services*. ASHA 2023 Conference, Boston, CT*

*Roth, B; Byun, JaeHwan; **Musaji, I.**; O'Bryan, E.; Self, T.; Parham, D. (Nov, 2023). *Exploring Telepractice Perceptions and Needs of School-based Stakeholders: A Statewide Perspective*. ASHA 2023 Conference, Boston, CT*

*Roth, B; Byun, JaeHwan; **Musaji, I.**; O'Bryan, E.; Self, T.; Parham, D. (October, 2023). *Exploring Telepractice Perceptions and Needs of School-based Stakeholders: A**

Statewide Perspective. KSHA 2023 Conference, Overland Park, KS

Jones, J; Hammer, J.; Speer, C.; **Musaji, I.**, (August 17, 2023). *Generative AI Showcase*. ARC 23 Conference, Wichita, KS.

Jones, J; **Musaji, I.**, (May, 2023). *AI Interest Group Panel*. ARC 23 Conference, Wichita, KS.

Musaji, I; Self, T. (2022, November). *Expanding ASD Screening and Data Collection Through Community Partnerships With Early Intervention Providers*. Poster presentation for ASHA 2022, New Orleans, LA.

Enam, Z., Hearson, J., Reese, E., Riedesel, G., Bailey, B., Messick, S., Conrad, T., **Musaji, I.** (2022) *Client-led Iterative Design of an Augmentative and Alternative Communication System*. Student-led Presentation for the Service Learning Showcase, WSU.

Weber, M., Stephenson, C., Wilson, G., Roth, B., O'Bryan, E., **Musaji, I.**,
The Experiences of Practicing Kansas School-Based Speech-Language Pathologists with COVID-19 and Telepractice, KSHA 2023.

Musaji, I. (2021, September). *A Chatbot Based Assessment Tool for Computer Mediated Communication*. Invited oral platform session at the KSHA 2021 convention.

Musaji, I. (2019, November) *Selecting Alternative Research Targets Using a Translational Model of Interprofessional Education & Interprofessional Practice*. Technical session presented at ASHA 2019, Orlando, FL.

Musaji, I. (2019, April). *Assistive Technology: Service Learning to Address an Unmet Need*. Poster presentation at the Service-Learning Showcase, WSU.

Musaji, I. (2017). *Assessing Interprofessional Education in the Allied Health Sciences*. Poster presentation at the Graduate Research and Scholarly Projects symposium, WSU Graduate School.

Musaji, I. (2016). *Attempting to Understand Medicare Minute Manipulation: Exploratory Factor analysis of the Skilled Nursing Facility Utilization and Payment Data*. Poster presentation at the Research Roundup Symposium, WSU Psychology Department.

Musaji, I. (2009). *Effect Of Ultra Violet Light Sterilization on Recovery and Amplification of Historic DNA*. Oral presentation at the Bioarcheology and Forensic Anthropology Association meeting, Indianapolis, IN.

ACADEMIC GUEST LECTURES/ PANEL PRESENTATIONS:

The Regent Independent Living, Wichita, KS, Aug 2021; Aug 2022; Aug 2023.
Invited speaker with student presenters. [external]

Title: *Stroke Awareness and Prevention.*

Wichita State University, Wichita, KS, Sept 2023.

Workshop presented to nonthesis students and to Doctoral Students

Title: *Conducting an Academic Literature Search*

Evelyn Hendren Cassat Speech-Language-Hearing Clinic., Wichita, KS, Oct 2022; Oct 2023; Dec 2024.

Clinic evaluative report.

Title: *WSU Satisfaction Clinic Report*

Wichita State University, Wichita, KS, Nov 2022.

Nonthesis workshop. Clinical issue report.

Title: *Improving Genetic Referral at The WSU Clinic*

Wichita State University, Wichita, KS, October 2020; 2021; 2022; 2023

Speaker for Dr. Karissa Marble-Flint

CSD 832A: Critical Thinking in Clinical Practice I

Title: *Critical Thinking through Concept Maps*

Wichita State University, Wichita, KS, February 2022; 2023; 2024

Speaker for Dr. Benjamin Kirby

CSD 517: Communication in Special Populations: Aging

Title: *The older Adult with Parkinson's Disease/Motor Impairment*

Wichita State University, Wichita, KS, February 2022; 2023; 2024

Speaker for Dr. Benjamin Kirby

CSD 517: Communication in Special Populations: Aging

Title: *SNIF and Step Down, and How Communication in These Stages of Rehabilitation is Critical*

Wichita State University, Wichita, KS, Spring and Fall 2021; 2022; 2023; 2024

Speaker for Sarah Taylor

PHS 300: Careers in Health

Title: *An Introduction to Communication Sciences and Disorders for Prospective Students*

Wichita State University, Wichita, KS, October 2022

Junior Faculty Panel

Topic: Panel discussion and Q&A with CSD Doctoral Students

Wichita State University, Wichita, KS, April 2022

Workshop prepared for Melissa Vagts and students.

Title: *Basics of Research Statistics of CSD Presenters*

Wichita State University, Wichita, KS, March 2024

Video tour prepared for the Dean's office.

Title: *A Video Tour of the Evelyn Hendren Cassat Speech-Language-Hearing Clinic.*

OTHER WRITING OR APPEARANCES FOR A POPULAR AUDIENCE

Musaji, I. (2023, Oct.) *TBD*, Teaching Today. (Invited commentary revisiting prior predictions, and reflecting on AI advancements).

Brown, C. (2023, May) *ChatGPT Sparks Conversation about Campus Usage*. The Sunflower. (Interview on emerging concerns related to artificial intelligence and academic integrity on campus)

Musaji, I. (2023, Sept.). *AI is Changing Our Professions. Let's Make Sure It Happens Responsibly*. ASHA Leader. (Featured article on the state of AI in CSD, and relevant ethical concerns).

Musaji, I. (2023, Oct.) *Reading the Tea Leaves.*, Teaching Today. (Invited commentary predicting AI trends that will be influential over the coming year).

TEACHING EXPERIENCE:

Wichita State University, Wichita, Kansas,

Co-Instructor	CSD 832C <i>Critical Thinking III</i>	Fall 2022-Present
Instructor of Record	CSD 891 <i>Nonthesis Research</i>	Fall 2020-Present
Instructor of Record	CSD 810 <i>Motor Speech Disorders</i>	Fall 2020-Present
Instructor of Record	CSD 506 (506H, LING 506) <i>Acoustic and Perceptual Phonetics</i>	Spring 2020-Present
Instructor of Record	CSD 519 (CSD 519H) <i>Genetics Syndromes and Disorders</i>	Fall 2017-Present
Instructor of Record	CSD 306 (306H, LING 306) <i>Applied Phonetics,</i>	Spring 2017-Present
Instructor of Record	CSD 306L (LING 306L) <i>Applied Phonetics Lab</i>	Spring 2017-2022
Co-Instructor	CSD 832A <i>Critical Thinking</i>	Fall 2017-2018
Co-Instructor	<i>Supervisory Process in SLP/Aud</i>	Fall 2018
Clinical Supervisor	Evelyn Hendren Cassat Speech-Language-Hearing Clinic	Fall 2017-2018
Diagnostics Team Coordinator,	Evelyn Hendren Cassat Speech-Language-Hearing Clinic,	Fall 2017–2019
Course design	<i>How Language Works</i> (approved Freshman Seminar Course)	2018
Teaching Assistant	<i>Fluency Disorders</i>	Fall 2013
Teaching Assistant	<i>Counseling in Communication Disorders</i>	Spring, 2014
Teaching Assistant	<i>Voice Disorders</i>	Spring, 2013
Teaching Assistant	<i>Cancer: Perspectives and Controversies</i>	Fall, 2013

Teaching Assistant *Anatomy and Physiology of the Speech Mechanism* Fall 2012

University of Indianapolis, Indianapolis, Indiana,
Laboratory Assistant, *Gross Anatomy*, Spring 2010
Teaching Assistant, *Cell Biology*, Spring 2010
Teaching Assistant, *Monkeys, Apes, and Humans*, Spring 2009
Field Supervisor, *Indiana Prehistory Laboratory*, Summer 2009
Instructor of Record, *Anatomy*, 2009
Laboratory Assistant, *Human Functional Anatomy*, 2009
Forensic Laboratory Assistant, *Archeology & Forensics Lab*, 2008

Japanese Exchange and Teaching Program, Shizuoka City, Shizuoka Prefecture, Japan,
English as a second language (ESL) instruction for Shizuoka Johouku High School and
prefecture, 2006-2008

St. Louis Science Center, St. Louis, Missouri,
Outreach educator responsible for developing and implementing curriculum in subjects
including paleontology, earth sciences, biology, robotics, mathematics, general science,
2004-2006

PROFESSIONAL SERVICE

National Professional Association Service:

2024, **Committee Member**, ASHA SIG19 Professional Development Committee

State Professional Association Service:

2020-Present, **Member**, Kansas Speech Language and Hearing Association (KSHA)
Student Scholarship Taskforce

Editorial Service

Reviewer, Perspectives,
2024, PERSP-24-00032
2024, PERSP-25-00003

Reviewer, Dysphagia
2024, DYSP-D-24-00117

Reviewer, The Journal of Voice
2024, JVOICE-D-24-00584

Reviewer, Communication Disorders Quarterly,
2024, CDQ-058-Jul-24
2023, CDQ-001-Jan-23
2023, CDQ-057-Sep-23

Reviewer, Journal of Communication Sciences and Disorders,
2020, JCD-D-20-00127

Manuscript preparation assistant, DiLollo, A., & Neimeyer, R. A. (2014). *Counseling In Speech-Language Pathology and Audiology: Reconstructing Personal Narratives*. Plural Publishing.

Manuscript preparation assistant, Buikstra, J. E., & Rhine, S. (2010). *Age Estimation of the Human Skeleton*. Charles C Thomas

Editor and contributing author, It Takes Two Team Teaching Magazine, 2007-2008

UNIVERSITY SERVICE:

University Committees

2024, **External Member**, Linguistics Faculty Search Committee

2024, **Coordinator**, Planning Committee for the Annual Healthcare Research Roundtable

2023-Present, **Member**, WSU AI and Instruction Interest Group

2022-2024, **Senator**, Faculty Senate

2022-Present, **Member**, Faculty Support Committee

2022-Present, **Member**, Honors College Faculty Council

2020-2022, **Member**, Internal Technical Advisory Panel for the Office of Tech Transfer and Commercialization

College of Health Professions Committees

2020-Present, **President**, Alpha Eta Committee

2022 CHP Senator Sub-Committee to determine allocation of new representatives

Department of Communication Sciences and Disorders Committees

2020-Present, **Member**, Departmental Academic Affairs Committee

2020-Present, **Member**, Doctoral Committee

2020-Present, **Member**, MA-SLP Admissions Committee

2020-Present, **Member**, Departmental Student Affairs Committee

External Committees

2021-Present, **Department Coordinator and Facilitator**, TeamSTEPPS® “Homeless Veteran” Simulation at the KU Medical School Simulation Center, Level 3 Event

2020-2021, **Facilitator**, TeamSTEPPS® (Team Strategies & Tools to Enhance Performance & Patient Safety), Level 1 Event: Foundations of Interprofessional Collaboration, Involved WSU College of Health Professions (CHP) and KUMC Students

2020, **Facilitator**, TeamSTEPPS® (Team Strategies & Tools to Enhance Performance & Patient Safety), Level 2 Event

MEMBERSHIPS / ORGANIZATIONS

ASHA Special Interest Division 19, Speech Science, 2022-Present

ASHA Special Interest Division 14, Cultural and Linguistic Diversity, 2022-Present

Mentoring Academic-Research Careers (MARC) Program, 2020-2021

American Speech-Language-Hearing Association, 2014-Present

Kansas Speech-Language-Hearing Association, 2018-Present

Pilot Prairie Club of Wichita, (honorary member), 2017-2020

Community and Emergency Response Team, Marion County, Indiana, 2010-2011