

**RANA A. ALKHAMRA, Ph.D., CCC-SLP
ASSOCIATE PROFESSOR**

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Rana Alkhamra
Information: Associate Professor
Department of hearing and speech sciences
School of Rehabilitation Sciences
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EDUCATION

- Ph.D., Michigan State University (MSU), 2010 Department of Communicative Sciences and Disorders Emphasis: Rehabilitation of children and adults with communication disorders including those with hearing loss using cochlear implants and hearing aids
 - Cognate area: Families and child development
- MA, University of Jordan (UJ), 2001
 - Department of Audiology and Speech Sciences
 - Emphasis: Speech-Language Pathology.
- BA, Yarmouk University
 - Department of Arts
 - Emphasis: English Language and Literature

CLINICAL EXPERIENCE

- 2020-present: supervising graduate level clinical practicum's online speech therapy assessment and intervention sessions "teletherapy".
- 2021-2022: Implementing speech co-therapy models that involve supervising master level students in co-supervising bachelor level students. The results of surveys conducted among students at both educational levels, as well as feedback from patients and caregivers, have consistently affirmed the success of this innovative therapy model.
- 2010-present: supervising master and bachelor level students in the assessment, diagnosis and treatment procedures to various cases (adults & children) with communication disorders including those with hearing loss using cochlear implants and hearing aids through the Hearing and Speech Clinic- School of rehabilitation- University of Jordan.
- 2010- present: providing assessment, diagnosis and treatment services to various cases (adults & children) with communication disorders including those with hearing loss using cochlear implants and hearing aids at the Hearing and Speech Clinic- School of rehabilitation- University of Jordan.

- 2011-March 2019: providing assessment services to various cases (adults & children) with communication disorders at the University of Jordan Hospital Speech clinic.
- 2018- present: Consultant in aural rehabilitation of children with hearing loss / cochlear implants -at the “Seeds of Hope” private clinic; Amman-Jordan
- 2012-2013: Providing consultation and training on aural rehabilitation of children with cochlear implants and hearing aids in “Almasar Child Development Center” (A center that provides children with special needs with individualized and comprehensive educational and therapeutic services).
- 2008-2009 Providing clinical services as a speech language pathologist in Eaton Intermediate School District, Oakwood elementary: to children with hearing loss, autism, and other communication disorders (e.g., language disorder, stuttering, articulation and phonological disorders, apraxia of speech ...)
- 2005-2010: Receiving training at the University of Michigan cochlear implant program, Children’s Memorial Hospital / Chicago, Children’s Hospital of Philadelphia “Professional Preparation in Cochlear Implants” (PPCI) program that target preparing professionals to work efficiently with children with cochlear implants. The PPCI is an intensive program for professionals providing early intervention to children with cochlear implants age 0-to-5 years using the auditory verbal therapy training approach.
- 2014-present: Receiving the speech therapist profession practice certificate from the Jordanian Health Ministry.
- 2009-present: Receiving the American Speech, Hearing Association certification in speech therapy
- 2007-2008: CFY year as a speech language pathologist in Portland Public Schools, Oakwood elementary. Provided evaluation and remediation services with a variety of communication disorders, including children with hearing loss using hearing aids and cochlear implants, autism, language disorders, auditory processing disorders, phonology and articulation disorders, hypernasality and other voice disorders.

ACADEMICS

- 2016 –present, Associate professor, University of Jordan.
- 2010-2016, Assistant professor, University of Jordan.
- 2009, Teaching Assistant, Michigan State University
- 2005-2007, Instructor, Michigan State University
- 2004-2005, Adjunct instructor (Teaching Assistant), Michigan State University
- 2003-2004, Research assistant, Michigan State University
- 1995 – 2001, English teacher for nonnative speakers at Ahliyyah School for Girls (Preschool Stage).

ADMINISTRATIVE EXPERIENCE

- 2023: Faculty of Rehabilitation representative at the University of Jordan Administrative Council.
- 2022: Department of Speech and Hearing Sciences representative at the School of Rehabilitation Administrative Council.
- 2020-present: The University of Jordan representative in the speech therapist profession

practice committee- the Jordanian Health Ministry.

- 2015: School of rehabilitation sciences representative at the University of Jordan Administrative Council.
- 2014: Department of Speech and Hearing Sciences representative at the Faculty of Rehabilitation Administrative Council.
- 2011- 2013: Head of the Department of Speech and Hearing, University of Jordan.

PUBLISHED/ACCEPTED & IN PROGRESS RESEARCH

1. Alkhamra, R., Bani Hani, H., Al-Jazi, A., & Alkhamra, H. The Arabic-Phonological Processing Test (A-PPT): Development, validity, and reliability. *Speech, Language and Hearing*. Under review
2. Alkhamra, R., Bani Hani, H., & Al Omari, H. Measuring satisfaction with cochlear implant rehabilitation services for children in Jordan: Reliability and validity assessment of a survey. *Plos One*. Under review
3. Alkhamra, R., & Alkhamra, H. (2023). Assessing school readiness in children with cochlear implants using an Arabic language-based test. *Speech, Language and Hearing*, 1-13.
4. Bani Hani, H. A., Aljazi, A. B., Alkhamra, R., & Alomari, H. M. (2023). Speech-Language Pathologists' Perception of Telepractice at the Start of the COVID-19 Pandemic in Jordan. *Communication Disorders Quarterly*, 15257401231185306.
5. Abu-Dahab, S., Alkhamra, R. A., Alkhamra, H. A., & Crowe, T. K. (2022). Current Occupational Therapy Services for Children with Autism Spectrum Disorder in Jordan: A Step Toward Service Enhancement. *Education & Training in Autism & Developmental Disabilities*, 57(2).
6. Bani Hani, H., Alkhamra, R., Alomari, H., Aljazi, A., & Jalali-Kushki, Y. (2022). Phonological Awareness in Arabic among Early Grade Teachers. *International Journal of Arabic-English Studies (IJAES)*, 22(2).
7. Alabdallat, B., Alkhamra, H., & Alkhamra, R. (2021, December). Special education and general education teacher perceptions of collaborative teaching responsibilities and attitudes towards an inclusive environment in Jordan. In *Frontiers in Education* (Vol. 6, p. 739384). Frontiers Media SA.
8. Alkhamra, R. A., & Abu-Dahab, S. M. (2020). Sensory processing disorders in children with hearing impairment: Implications for multidisciplinary approach and early intervention. *International Journal of Pediatric Otorhinolaryngology*, 136, 110154.
9. Alkhamra, R. A., & Al-Jazi, A. B. (2016). Validity and reliability of the Arabic Token Test for children. *International journal of language & communication disorders*, 51(2), 183-191.
10. Alkhamra, R. A. (2015). Cochlear implants in children implanted in Jordan: A parental overview. *International journal of pediatric otorhinolaryngology*, 79(7), 1049-1054.
11. Aljazi, A., & Alkhamra, R. (2015). Prevalence of Speech Disorders in Elementary School Students in Jordan. *Journal of Education*, 136(2)
12. Mahmoud, H., Aljazi, A., & Alkhamra, R. (2014). A study of public awareness of speech-language pathology in Amman. *College Student Journal*, 48(3), 495-510.

13. Alkhamra, R. A. (2010). *Cognitive effort and perception of speech by postlingually deafened adult user of cochlear implants*. Michigan State University.

RESEARCH INTEREST

- Rehabilitation services to children with cochlear implants
- Family-centered rehabilitation services
- School services to children with hearing loss using hearing aids / cochlear implants
- Academic performance and inclusion of children with communication disorders
- Phonological awareness in children
- Literacy skills development in Arabic speaking children
- Language and speech development in children with hearing loss using cochlear implants
- Developing and standardizing language and speech tests for speech and language evaluation
- Interdisciplinary therapy approach

TEACHING EXPERIENCE

1. University of Jordan (2010-Present)

Courses Taught:

- Studies in child language Development
 - Speech clinical practicum- at the undergraduate and graduate level
 - Studies in language disorders
 - Speech sounds disorders
 - Aural rehabilitation
 - Research methods in rehabilitation sciences
 - Hearing loss in children
 - Auditory Verbal Therapy
2. March 2020- Present online teaching and supervising experience in clinical practicum and theory courses
 3. 2006-2008 Teaching Introduction to Communication Disorders. Michigan State University.

CONFERENCE PRESENTATIONS

- May-2023: 9th Arab Hearing Health (AHH) Conference. Presenting a speak titled “ The development of the Arabic- phonological processing test (APPT) and its validity and reliability. Keminski Hotel, Amman.
- May-2022: 8th Arab Hearing Health (AHH) Conference. Presenting a speak titled “Children with cochlear implants in Jordan: Are they ready for school?” Keminski Hotel, Amman.
- June-2022: Supervising student speak and project titled “The story of an Arabic speaking child with hearing loss reflecting on his hearing aid experience: A creativity project outcome” presented in the School of Rehabilitation Scientific and Alumni Day.
- 2019: “ School performance in cochlear implant children in Jordan” a poster presented in the scientific day at the School of Rehabilitation Sciences 2019; University of Jordan
- 2018, Oral presentations in the Scientific Day at the School of Rehabilitation sciences

19/4/2018 about "Satisfaction of parents of children with communication disorders about rehabilitation services"; Author Rana Alkhamra. Affiliations: The University Of Jordan; Scientific day at the School of Rehabilitation Sciences 2018

- 2018, Oral presentation "Exploring Family Early Interactive Literacy Practices"; Author Rana Alkhamra; Co-Author Hana Mahmoud & Jehad Al-Araifi . Affiliations: The University of Jordan; in the "29th Congress of Union of the European Phoniaticians"; Helsinki, Finland, 13 – 16 June.
- 2016, presentations titled “Cochlear implants aural rehabilitation in Jordan”, in the first MENA regional rehabilitation workshop by Advanced Bionics- at Regency Hotel Amman (22-23rd of January 2016) .
- 2015, presentations titled “School services provided to children with hearing loss and cochlear implants in Amman/ Jordan” in the first MENA regional rehabilitation workshop by Advanced Bionics- at Regency Hotel Amman (22-23rd of January 2015).
- 2014, A joint presentation with colleague Aya Al-Jazi titled “Prevalence of language and Speech Disorders in Al-Salt Schools: Madrasati initiative”, in the 7th Science day, Faculty of Rehabilitative Sciences, University of Jordan “
- 2014, presentation titled “Training tools in aural rehabilitation for children with cochlear implants”. Cochlear Corporation convention and training workshop. Amman-Jordan “ Le Royal Hotel”
- 2013, presentation titled “Cochlear implants in Jordan: a parental perspective”, in S Cochlear Corporation convention and training workshop. Amman-Jordan
- 2011, presentation titled “Cognitive effort and Perception of Speech Adult Cochlear Implant User: A Survey" in the Conference on Implantable Auditory Prostheses, Pacific Grove, California
- 2011, presentation titled “Cognitive effort in adults with cochlear implants: *an experimental study*” in the 4th Science day, Faculty of Rehabilitative Sciences, University of Jordan “

NATIONAL & INTERNATIONAL COMMUNITY SERVICE

National:

- 2023, Screening SOS children for speech and language problems
- 2022, Screening Seniors in Darat Samir Shamma for the Elderly for communication disorders
- 2020-present Public universities representative in the Speech Therapy Certification Committee at the Ministry of Health-Jordan.
- 2018- present; Developing and supervising the national project “ Arabic phonological processing assessment test” that targets early identification of children at risk of developing literacy problems
- 2014-2019; Screening school age children for communication disorders
- 2014-present; Awareness presentations to public and private school teachers about communication disorders
- 2017-2018 community service at the University of Jordan Hospital in assessing and counseling patients insured by the “Ministry of Health”
- 2013: Participating in her majesty Queen Rania Al-Abdullah Madrasati initiative through a wide screening project targeting the school system in Al-Salt district. The goal from the screening is estimating the need for students for speech therapy and evaluating level of knowledge of teachers about speech therapy.

- 2014: Participating in evaluating the “Speech and Language Disorders” at the Jordan University of Science Technology upon request from the “Higher Education Accreditation Commission”.
- 2010; 2014: Interviews on Jordan Television and Radio Station about types of communication disorders and speech and language therapy issues.
- 2013- Present: Administrator of “Cochlear implant in Jordan” group on facebook <https://www.facebook.com/groups/CI.Jordan> .
- Presenting speaks in schools and organizations at the national level about different speech and language disorders.

International:

- 2022 and 2023 Alexander Bell Association of the Deaf and Hard of Hearing Symposium ambassador.
- 2014, evaluating the “Bachelor Of Science in Speech and Language Therapy” program in Oman upon request from Sultanate of Oman Ministry of Higher Education (Department of Programs Supervision).
- 2013, evaluating the study plan of minor in speech disorders as part of a special education program in Al-Iman University in KSA.

GRANTS

- Arabic Phonological Processing Test for children age 4-7 yrs (2018).The Deanship of Academic Research(DAR), the University of Jordan (11000 JD)
- Validity and reliability of the Arabic Token Test for children (2012). The Deanship of Academic Research (DAR), the University of Jordan (5000JD).

MEMBERSHIP AND ACTIVITIES IN PROFESSIONAL ORGANIZATIONS AND SOCIETIES

2018- present, Alexander Graham Bell Association for the Deaf and Hard of Hearing
 2016- present, International Speech and Communication Association.
 2015, Jordanian psychological Association
 2013- present, Ministry of Health certification in speech language pathology, Amman
 2010- present, The American Speech, Language and Hearing Association (ASHA).