

# || CURRICULUM VITAE

## **GA EUL YOO, PhD, MT-BC, KCMT**

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### **Education**

2013 - 2017 Ph.D., Music Therapy, Ewha Womans University, Seoul, Korea

2006 - 2009 MME, Music Therapy, University of Kansas, Lawrence, Kansas, USA

1999 - 2003 B.A., Music Theory, Seoul National University, Seoul, Korea

### **Academic Positions**

09/2020 - present Assistant professor, Department of Music Therapy, Graduate School, Ewha Womans University, Seoul, Korea

03/2019 - 08/2020 Adjunct professor, Department of Music Therapy, Graduate School, Ewha Womans University, Seoul, Korea

09/2013 - 02/2019 Lecturer, Department of Music Therapy, Graduate School, Ewha Womans University, Seoul, Korea

03/2011 - 02/2013 Lecturer, Department of Music Therapy, Graduate School of Social Education, Myongji University, Seoul, Korea

### **Other Experiences**

01/2016 - 08/2020 Supervisor, Ewha Music Therapy Clinic, Seoul, Korea

07/2016 - 05/2017 Researcher, Yonsei Medical Center, Seoul, Korea

01/2013 - 08/2020 Senior Researcher, Ewha Music Rehabilitation Center, Seoul, Korea

03/2011 - 12/2012 Music Therapist, Myongji Interdisciplinary Therapy Research Center, Seoul, Korea

03/2011 - 12/2012 Music Therapist, Music therapy program for children with cochlear implants, Samsung Medical Center, Seoul, Korea

## **Publications**

- 2024 Lee, E. Y., **Yoo, G. E.**, & Lee, Y. (2024). Analysis of semantic attributes of Korean words for sound quality evaluation in music listening. *Journal of Music and Human Behavior*, 21(2), 107-134.
- 2024 LaGasse, B., **Yoo, G. E.**, & Hardy, M. (2024). Rhythm and music for promoting sensorimotor organization in autism: Broader implications for outcomes. *Frontiers Integrative Neuroscience*, 18, 14038.
- 2024 **Yoo, G. E.**, & Ha, E. (2024). Interpersonal synchronization performance in dyadic drumming and its relationship with social motor skills in children with autism spectrum disorder. *The Journal of Special Children Education*, 26(1), 125-149.
- 2024 **Yoo, G. E.**, & Cho, H. (2024). Parental involvement in music-based intervention for children with autism spectrum disorder: A scoping review. *The Journal of Korea Open Association for Early Childhood Education*, 29(1), 333-363.
- 2023 **Yoo, G. E.**, Na, S., Kim, S. J., & Kim, J. (2023). Benefits of personal music listening for family caregivers of critically ill patients during the post-COVID era. *Frontiers in Psychology*, 14, 1113269.
- 2022 **Yoo, G. E.**, Lee, S., Kim, A. J., Choi, S. H., Chong, H. J., & Park, S. (2022). Differential background music as attentional resources interacting with cognitive control. *International Journal of Environmental Research and Public Health*, 19, 15094.
- 2022 Chong, H. S., & **Yoo, G. E.** (2022). The use of music at the homes of children with severe and multiple disabilities and parental perceptions of it. *Korean Journal of Physical, Multiple & Health Disabilities*, 65(2), 313-334.
- 2022 **Yoo, G. E.**, Hong, S. J., & Chong, H. J. (2022). Nighttime walking with music: Does music mediate the influence of personal distress on perceived safety? *International Journal of Environmental Research Public Health*, 19(3), 1383.
- 2021 **Yoo, G. E.**, Kim, J., Choi, D. I., Yeo, M. S., Kim, S. J., & Na, S. (2021). Music experience is associated with lower depression level and higher quality of life among family caregivers of critically ill patients. *Psychology of Music*, 49(4), 901-914.
- 2021 **Yoo, G. E.**, Im, J. Y., & Ha, E. J. (2021). Feasibility of synchronous videoconferencing interactive singing program for children with autism spectrum disorder during COVID-19. *Journal of Music and Human Behavior*, 18(1), 29-62.
- 2021 **Yoo, G. E.** (2021). Narrative literature review of the interpersonal synchronization task for individuals with autism spectrum disorder. *Journal of the Korean Association for Persons with Autism*, 21(1), 185-214.
- 2020 Kim, J., Choi, D. I., Yeo, M. S., **Yoo, G. E.**, Kim, S. J., & Na, S. (2020). Effects of patient-directed interactive music therapy on sleep quality in postoperative elderly patients: A randomized-controlled trial. *Nature and Science of Sleep*, 12, 791-800.

- 2020 Kim, S. J., **Yoo, G. E.**, Shin, Y. K., & Cho, S. R. (2020). Gait training for adults with cerebral palsy following harmonic modification in rhythmic auditory stimulation. *Annals of the New York Academy of Sciences*, 1473(1), 11-19.
- 2020 Kim, S. J., & **Yoo, G. E.** (2020). Rhythm-motor dual task intervention for fall prevention in healthy older adults. *Frontiers in Psychology*, 10, 3027.
- 2019 **Yoo, G. E.**, & Yoon, Y. E. (2019). Rhythmic tapping task performance in children with autism spectrum disorder: A meta-analysis. *Journal of Music and Human Behavior*, 16(1), 47-72.
- 2019 Kim, S. J., & **Yoo, G. E.** (2019). Instrument playing as a cognitive intervention task for older adults: a systematic review and meta-analysis. *Frontiers in Psychology*, 10, 151.
- 2018 **Yoo, G. E.**, & Kim, S. J. (2018). Dyadic drum playing and social skills: Implications for rhythm-mediated intervention for children with autism spectrum disorder. *Journal of Music Therapy*, 55(3), 340-375.
- 2017 Kim, S. J., Cho, S. R., & **Yoo, G. E.** (2017). The applicability of rhythm-motor tasks to a new dual task paradigm for older adults. *Frontiers in Neurology*, 8, 671.
- 2017 Kim, S. J., Cho, S. R., & **Yoo, G. E.** (2017). Age-related changes in bimanual instrument playing with rhythmic cueing. *Frontiers in Psychology*, 8, 1569.
- 2017 Kim, S. J., Kim, E. Y., & **Yoo, G. E.** (2017). Music perception training for pediatric cochlear implant recipients ages 3 to 5 years: A pilot study. *Music Therapy Perspectives*, 35(1), 50-57.
- 2016 **Yoo, G. E.** (2016). Analysis of social communication measurement in the music therapy intervention literature for children with autism spectrum disorder. *Journal of Music and Human Behavior*, 13(1), 61-87.
- 2016 Kim, S. J., Shin, Y. K., **Yoo, G. E.**, Chong, H. J., & Cho, S. R. (2016). Changes in gait patterns induced by rhythmic auditory stimulation for adolescents with acquired brain injury. *Annals of the New York Academy of Sciences*, 1385(1), 53-62.
- 2016 **Yoo, G. E.**, & Kim, S. J. (2016). Rhythmic auditory cueing in motor rehabilitation for stroke patients: systematic review and meta-analysis. *Journal of Music Therapy*, 53(2), 149-177.
- 2015 Chong, H. J., Kim, S. J., & **Yoo, G. E.** (2015). Differential effects of type of keyboard playing task and tempo on surface EMG amplitudes of forearm muscles. *Frontiers in Psychology*, 6, 1277.
- 2015 Chong, H. J., Kim, S. J., Lee, E. K., & **Yoo, G. E.** (2015). Analysis of surface EMG activation in hand percussion playing depending on the grasping type and the tempo. *Journal of Exercise Rehabilitation*, 11(4), 228.
- 2014 Kim, S. J., Cho, Y. S., Kim, E. Y., & **Yoo, G. E.** (2015). Can young adolescents with cochlear implants perceive different timbral cues? *Cochlear Implants International*, 16(2), 61-68.
- 2014 **Yoo, G. E.** (2014). Differential response to joint attention in children with autism spectrum disorder depending on the level of attentional cues. *Journal of Music and Human Behavior*, 11(1), 21-37.

2013 Chong, H. J., Yoo, G. E., & Kim, S. J. (2013). Affective responses to complexity in harmonic progression between music and nonmusic majors. *Journal of Music and Theory*, 21, 128-154.

## **Papers Presented/Posters**

- 2024 Yoo, G. E. (2024, September 7). *From theory to live experience: Practical application of therapeutic music* [Conference session]. The 3rd Summer School of Korean Society for Music Perception and Cognition, Korea.
- 2024 Yoo, G. E. (2024, May 25). *Prosocial effects of music for interpersonal synchronization* [Conference session]. The 47th Symposium of Korean Music Therapy Education Association on Music, Communication, and Neuroscience, Seoul, Korea.
- 2022 Chong, H. J., Yoo, G. E., & Park, J. (2022, March 9). *Music therapy program in the rehabilitation of multiple disabilities resulting from severe accidents/brain injuries or stroke in particular* [Conference session]. The International Scientific Conference on Quality of Life for People with Severe Multiple Disabilities, online.
- 2021 Yoo, G. E. (2021, July 30). *Can music facilitate the attending to others during interpersonal synchronization? An eye tracking study with adolescents with ASD* [Conference session]. The 16th International Conference on Music Perception and Cognition-the 11th Triennial Conference of ESCOM, online.
- 2021 Yoo, G. E. (2021, May 1). *The role of music therapy in ICU* [Conference session]. The 41st KSCCM Annual Congress & Acute and Critical Care Conference 2021, online.
- 2017 Yoo, G. E. (2017, November 18). *Rhythm-mediated intervention protocol for social skills of children with autism spectrum disorders* [Conference session]. The American Music Therapy Association Conference, St. Louis, USA,
- 2017 Yoo, G. E., Kim, S. J., Kim, J., & Na, S. (2017, November 4). *Needs for singing on psychosocial health in caregivers of ICU patients* [Conference session]. The 94th Annual Scientific Meeting of the Korean Society of Anesthesiologists, Seoul, Korea.
- 2017 Yoo, G. E. (2017, August 26). *Factor analysis of dyadic rhythm playing as a social motor skill of children with autism spectrum disorders* [Poster presentation]. The Conference of the Asia-Pacific Society for the Cognitive Sciences of Music, Kyoto, Japan.
- 2017 Yoo, G. E. (2017, July 5). *Can synchronized movements be a marker for social motor skills development?* [Conference session]. The 15th World Congress of Music Therapy, Tsukuba, Japan.
- 2016 Kim, S. J., Yoo, G. E., & Choi, D. I. (2016, June 11). *Music instrument playing as a dual task for older adults: A systematic review* [Conference session]. The 4th International Conference of International Association of Music and Medicine, Beijing, China.

2014 Chong, H. J., Yoo, G. E., & Kim, S. J. (2014, August 5). Affective responses to complexity in harmonic progression between music and nonmusic majors [Conference session]. The 13th International Conference on Music & 5th Conference for the Cognitive Sciences of Music, Seoul, Korea.

## **Funded Research Projects**

- 2022 Development of music technology-based interactive rhythm playing program for improving social skills of children with autism spectrum disorder (2022/05-2024/04) supported by National Research Foundation funded by the Ministry of Education, Republic of Korea.
- 2018 Analysis of factors for dyadic rhythm playing in relation to social skills and motor coordination of adolescents with autism spectrum disorder (2018/09-2019/08) supported by National Research Foundation funded by the Ministry of Education, Republic of Korea.

## **Professional Affiliation**

### **Editorial Board**

- 2023/01-present Editorial Board, Journal of Music Therapy
- 2022/03-present Advisory Editorial Board, Nordic Journal of Music Therapy
- 2020/05-present Editorial Board, Music and Medicine
- 2019/06-present Publishing Editor, Editorial Office, Journal of Music and Human Behavior, Korean Music Therapy Education Association, Seoul, Korea

### **Office/Service in Professional Societies**

- 2018/01-present Director, Ethics Board, Korean Music Therapy Education Association, Seoul, Korea
- 2018/01-present Board Member, Korean Music Therapy Education Association, Seoul, Korea
- 2018/01-2020/12 Director, Continuing Education Committee, National Association of Korean Music Therapists, Seoul, Korea
- 2012/01-2017/12 Member of Certification Committee, National Association of Korean Music Therapists, Seoul, Korea

## **Certification**

- 2010/07 Korean Certified Music Therapist (KCMT), National Association of Korean Music Therapists

2019/09 Music Therapist-Board Certified (MT-BC), American Music Therapy Association