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CONTACT INFORMATION

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EDUCATION / ACADEMIC RECORD

<u>Degree</u>	<u>Year</u>	<u>Institution</u>	<u>Years Attended</u>
Ph.D.	2008	University of Illinois, Urbana-Champaign	2004-2008
M.A.	2004	Ohio University	2002-2004
B.S.	2001	Tech. Educational Institute of Patras, Greece	1997-2001

ACADEMIC POSITIONS AND AFFILIATIONS

2018 – present	Associate Professor, Speech, Language, & Hearing Sciences, Purdue University
2019 – present	Courtesy Appointment, Weldon School of Biomedical Engineering, Purdue University
2021 – present	Visiting Professor, Advanced Master of Science in Deglutology at the KU (Katholieke Universiteit), Leuven
2019 – present	Faculty Associate, Center on Aging and the Life Course, Purdue University
2016 – present	Visiting Professor, Department of Educational and Social Policy, University of Macedonia, Thessaloniki Greece
2014 – 2018	Assistant Professor, Speech, Language, & Hearing Sciences, Purdue University
2014 – present	Adjunct Professor, Communication Sciences and Disorders, Department of Biobehavioral Sciences, Teachers College, Columbia University
2012 – present	Visiting Professor, Athens Medical School, National & Kapodistrian University of Athens, Greece
2011 – 2014	Assistant Professor, Communication Sciences and Disorders, Department of Biobehavioral Sciences, Teachers College, Columbia University
2013 – 2014	Adjunct Associate Research Scientist, Otolaryngology/Head and Neck Surgery, Columbia University
2008 – 2010	Post-doctoral Assistant Scientist, Medicine, University of Wisconsin

CLINICAL AND CLINICAL RESEARCH APPOINTMENTS

2015 – present	Founder and Research Director, Purdue I-EaT Swallowing Research Clinic, Speech, Language, & Hearing Sciences, Purdue University
2012 – 2014	Founder and Research Director, Dysphagia Research Clinic, Teachers College, Columbia University
2011 – 2016	Clinical & Research Affiliate, Step Down Intensive Care Unit, Evangelismos Hospital, National & Kapodistrian University of Athens, Greece
2009 – 2010	Clinical Fellow, Speech-Language Pathology, Otolaryngology Clinic, Dept. of Surgery, University of Wisconsin Hospital & Clinics
2009 – 2010	Team Speech-Language Pathologist, Multidisciplinary Neuromuscular (ALS) clinic, Neurology, University of Wisconsin Hospital & Clinics

RESEARCH AWARDS AND HONORS *(list does not include honors awarded as a student)*

2020-21	Faculty Entrepreneur Learning Academy Fellowship, Purdue University
2020	Erskine Fellowship, University of Canterbury, Christchurch, New Zealand (canceled d/t COVID-19)
2019	College of Health and Human Sciences Early Career Research Achievement Award, Purdue University
2019	NIH NIBIB R21 Trailblazer Award
2018	Ralph W. and Grace M. Showalter Research Trust Award, Purdue Research Foundation
2017	Best Scientific Abstract and Oral Presentation, European Society for Swallowing Disorders Congress, for paper “Functional and structural connectivity in children with unilateral cerebral palsy and clinical dysphagia: a multimodal neuroimaging study”. Authors: Malandraki, G.A., Mourão, L., Lu, K.H., Friel, K.M., Luchesi, K.F., Sheppard, J., Gordon, A.M., & Liu, Z.
2017	Third Place, Best Scientific Poster Award, Dysphagia Research Society Meeting, for paper “Validation of the Choking Risk Assessment and Pneumonia Risk Assessment for Adults with Intellectual and Developmental Disability (IDD)”. Authors: Sheppard, J.J., Mishra, A., Troche, M., Malandraki, G.A.
2014	“Diana Bracco” Outstanding Applicant Award, Board Specialty Certification, American Board of Swallowing and Swallowing Disorders (Clinical Award)
2011	Early Career Contributions in Research Award, American Speech-Language-Hearing Association (ASHA)
2008	First Place, New Investigator Award, Dysphagia Research Society

TEACHING AWARDS AND HONORS *(list does not include honors awarded as a student)*

2020	Ruth and M.D. Steer Outstanding Teacher Award, SLP Graduate Instructor, Department of Speech, Language and Hearing Sciences, Purdue University
2019	Ruth and M.D. Steer Outstanding Teacher Award, SLP Graduate Instructor, Department of Speech, Language and Hearing Sciences, Purdue University
2018	Patsy J. Mellott Teaching Innovation Award, College of Health and Human Sciences, Purdue University
2018	Ruth and M.D. Steer Outstanding Teacher Award, SLP Graduate Instructor, Department of Speech, Language and Hearing Sciences, Purdue University
2017	Ruth & M.D. Steer Outstanding Teacher Award, Undergraduate Instructor, Speech, Language, and Hearing Sciences, Purdue University
2016	Ruth and M.D. Steer Outstanding Teacher Award, SLP Graduate Instructor, Department of Speech, Language and Hearing Sciences, Purdue University

- 2015 Ruth and M.D. Steer Outstanding Teacher Award, SLP Graduate Instructor, Department of Speech, Language and Hearing Sciences, Purdue University
- 2012 Dean's Fellowship for Teaching and Diversity, Teachers College, Columbia University

PROFESSIONAL LICENSURE/CERTIFICATIONS

- 2015-present Indiana State Speech-Language Pathology License
- 2014-present Board-Certified Specialty in Swallowing and Swallowing Disorders
- 2011-2016 New York State Speech-Language Pathology License
- 2010-present Certificate of Clinical Competency (CCC), American Speech-Language-Hearing Association
- 2008-2016 Wisconsin State Speech-Language Pathology License

ACADEMIC SOCIETY/PROFESSIONAL ORGANIZATION MEMBERSHIPS

- 2015-present American Academy for Cerebral Palsy and Developmental Medicine
- 2012-present Society for Neuroscience
- 2012-present American Heart Association
- 2011-present Hellenic Association of Speech Pathology Scientists (Honorary Member)
- 2008-present American Speech-Language-Hearing Association
- 2006-present Dysphagia Research Society
- 2012-2014 American Telemedicine Association

ADDITIONAL TRAININGS/CERTIFICATIONS

- 2019 Trained in CASM (Computational Analysis of Swallowing Mechanics)
- 2017 Certified Trainer in Dysphagia Disorders Survey (DDS)
- 2016 Certified in SOS Approach for feeding disorders
- 2014 Certified in Dysphagia Disorders Survey (DDS) administration
- 2012 Certified in Lee Silverman Voice Treatment (LSVT)
- 2012 FEES training and certification

AREAS OF RESEARCH INTERESTS AND SPECIALIZATION

- Enhancing our understanding of the underlying neural mechanisms of swallowing function and brain's neuroplastic properties in pediatric and adult dysphagia.
- Development and evaluation of intensive neurorehabilitation paradigms. Treatment effectiveness and efficacy.
- Development and application of telehealth systems to test the effectiveness of providing speech and swallowing rehabilitation over the Internet.

PUBLISHED WORK

*[*indicates primary author(s); superscript numbers indicate co-author(s) mentored by Dr. Malandraki: ¹undergraduate student, ²graduate student, ³postdoctoral scientist]*

A. Journal Articles (Refereed)

Malandraki Vitae, January 2021

1. **Malandraki***, G.A., Arkenberg Hahn², R.H., Mitchell², S., & Bauer Malandraki, J.L. (in press). Telehealth for dysphagia across the life span: Using Contemporary Evidence and Expertise to Guide Clinical Practice during and after COVID-19. *American Journal of Speech Language Pathology*.
2. Borders*, J., Sevitz, J.S., Bauer Malandraki, J.L., **Malandraki, G.A.**, & Troche*, M. (in press). Objective and Subjective Clinical Swallowing Outcomes via Telehealth: Reliability in Outpatient Clinical Practice. *American Journal of Speech Language Pathology*.
3. Kantarcigil*, C.², Kim*, M. K., Chang, T. Smith, A., Craig, B., Lee*, C.H., & **Malandraki*, G.A.** (2020). [Validation of a novel wearable electromyography patch for monitoring submental muscle activity during swallowing: A randomized crossover trial](#). *Journal of Speech, Language, & Hearing Research*, 63, 3293–3310.
4. Venkatraman*, A.², Fujiki, R.B., Craig, B.A., Sivasankar, M.P, & **Malandraki*, G.A.** (2020). [Determining the Underlying Relationship Between Swallowing and Maximum Vocal Pitch Elevation: A Preliminary Study of Their Hyoid Biomechanics in Healthy Adults](#). *Journal of Speech, Language, & Hearing Research*, 63, 3408–3418.
5. Miles*, A., Connor, N., Varindani Desai, R., Jadcherla, S., Allen, J., Brodsky, M., Garand, K., **Malandraki, G.A.**, McCulloch, T. Moss, M., Murray, J., Pulia, M., Riquelme, L., & Langmore, S. (2020). Dysphagia care across the continuum: A multidisciplinary Dysphagia Research Society Taskforce report of service-delivery during the COVID-19 global pandemic. *Dysphagia*. <https://doi.org/10.1007/s00455-020-10153-8>
6. Zimmerman*, E. Carnaby*, G., Lazarus*, C., & **Malandraki*, G.A.** (2020). Motor Learning, Neuroplasticity, Strength and Skill Training: Moving from Compensation to Retraining in Behavioral Management of Dysphagia. *American Journal of Speech Language Pathology*, 29, 1065-1077.
7. Kim*, M. K., Kantarcigil, C.², Kim B., Kumar Baruah, R., Maity, S., Park, Y., Kim, K., Lee, S., Bauer Malandraki, J., Avlani, S., Smith, A., Sen, S, Alam, M.A., **Malandraki*, GA**, & Lee*, CH (2019). [Skin-mountable submental sensor patch with remote monitoring controls for management of oropharyngeal swallowing disorders](#). *Science Advances*, 5(12), eaay3210.
 - Article viewed > 15,000 times and downloaded >2500 times
8. Hemsley*, B., Steel, J., Sheppard, J.J., **Malandraki, G.A.**, Bryant, L., & Balandin*, S. (2019). [Dying for a Meal: An Integrative review of Characteristics of Choking Incidents and Recommendations to Prevent Fatal and Non-Fatal Choking Across Populations](#). *American Journal of Speech Language Pathology*, 28(3):1283-1297.
 - On top 10 of all ASHA journal articles downloaded in 2019
9. Fujiki^{2*}, R.B., Oliver¹, A., Bauer Malandraki, J., Wetzel, D., Craig, B.A., & **Malandraki*, G.A.** (2019). [The Recline and the Head Lift Exercises: A Randomized Clinical Trial Comparing Biomechanical Swallowing Outcomes and Perceived Effort in Healthy Older Adults](#). *Journal of Speech, Language, & Hearing Research*, 62(3), 631-643.
10. Fujiki^{2*}, R.B., Oliver¹, A., Sivasankar, M.P., Craig, B.A., & **Malandraki*, G.A.** (2019). [Secondary Voice Outcomes of a Randomized Clinical Trial Comparing Two Head/Neck Strengthening Exercises: A Brief Report](#). *Journal of Speech, Language, & Hearing Research*, 62(2), 318-323.

11. Sejdic*, E., **Malandraki***, G.A., Coyle*, J. (2019). [Computational deglutition: Signal and image processing methods to understand swallowing and associated disorders](#). *IEEE Signal Processing Magazine*, 36(1), 138-146.
12. Mishra^{2*}, A., **Malandraki***, G.A., Sheppard, J.J., Gordon, A.M., Levy, E. S., & Troche*, M.S. (2019). [Voluntary cough and clinical swallow function in children with spastic cerebral palsy and healthy controls](#). *Dysphagia*, 34(2), 145-154.
13. Mishra*,² A., Sheppard, J.J., Kantarcigil,² C., Gordon, A.M., & **Malandraki***, G.A. (2018). [Novel mealtime duration measures: Reliability and preliminary associations with clinical feeding and swallowing performance in self-feeding children with cerebral palsy](#). *American Journal of Speech Language Pathology*, 27(1), 99-107.
14. Georgopoulos*, V.C., Perdikogianni, M., Mouskenteris, M., Psychogiou L., Oiconomou M., **Malandraki**, G.A. (2018). [Cross-cultural adaptation and validation of the SWAL-QOL questionnaire in Greek](#). *Dysphagia*, 33(1), 91-99.
15. Mourao*,³ L.F., Friel, K., Sheppard, J.J., Kuo, H.S., Luchesi, K., Gordon, A.M., & **Malandraki***, G.A. (2017). [The role of the corpus callosum in pediatric dysphagia: preliminary findings from a Diffusion Tensor Imaging study in children with unilateral spastic cerebral palsy](#). *Dysphagia*, 32(5), 703-713.
16. Rajappa*,² A.T., Soriano, K., Zeimer, C., Troche, M.S., Bauer Malandraki, J., & **Malandraki***, G.A. (2017). [Reduced maximum pitch elevation predicts silent aspiration of small liquid volumes in stroke patients](#). *Frontiers in Neurology (Stroke)*, 8, 436. doi: 10.3389/fneur.2017.00436.
17. Sheppard*, J.J., **Malandraki***, G.A., Hemsley, B., Troche, M., Balandin, S., Hochman, R., Pifer, P., Cuff, J., & Mishra,² A. (2017). [Validation of the Choking Risk Assessment and Pneumonia Risk Assessment for adults with Intellectual and Developmental Disability \(IDD\)](#). *Research in Developmental Disabilities*, 69, 61-76.
18. Kantarcigil*,² C., & **Malandraki***, G.A. (2017). [First step in telehealth assessment: A randomized controlled trial to investigate the effectiveness of an electronic case history form for dysphagia](#). *Dysphagia*, 32(4), 548-558.
19. Kantarcigil*,² C., Sheppard, J.J., Gordon, A.M., Friel, K., & **Malandraki***, G.A. (2016). [A telehealth approach to conducting clinical swallowing evaluations in children with cerebral palsy](#). *Research in Developmental Disabilities*, 55, 207-217.
20. **Malandraki***, G.A., Rajappa,² A., Kantarcigil,² C., Wagner, E., Ivey, C., & Youse, K. (2016). [The Intensive Dysphagia Rehabilitation \(IDR\) approach for neurogenic dysphagia: A Case-Series Design](#). *Archives of Physical Medicine and Rehabilitation*, 97, 567-574.
21. **Malandraki***, G.A., Markaki, V., Georgopoulos, V.C., Psychogios, L., & Nanas, S. (2016). [Post-extubation dysphagia in critical patients: A first report from the largest step-down ICU of Greece](#). *American Journal of Speech Language Pathology*, 25, 150-156.
22. Mishra*,² A., Rajappa, A., Tipton, E., & **Malandraki***, G.A. (2015). [The Recline Exercise: comparisons with the head lift exercise in healthy adults](#). *Dysphagia*, 30(6), 730-737.

23. **Malandraki*, G.A.**, Roth,² M., & Sheppard, J.J. (2014). [Telepractice in pediatric dysphagia: A case study](#). *International Journal of Telerehabilitation*, 6(1), 3-16.
24. **Malandraki*, G.A.**, Markaki, V., Georgopoulos, V.C., Bauer, J.L., Kalogeropoulos, I., & Nanas, S. (2013). [An international pilot study of asynchronous teleconsultation for oropharyngeal dysphagia](#). *Journal of Telemedicine and Telecare*, 19(2), 75-9.
25. **Malandraki*, G.A.**, Kauffman, A., Hind, J., Kays, S., Gangnon, R., Waclawik, A., & Robbins*, J. (2012). [The effects of lingual intervention in a patient with Inclusion Body Myositis and Sjögren's syndrome: A longitudinal case study](#). *Archives of Physical Medicine and Rehabilitation*, 93(8), 1469-75.
26. **Malandraki*, G.A.**, McCullough, G., He, X., McWeeny, E., & Perlman*, A.L. (2011). [Teledynamic evaluation of oropharyngeal swallowing](#). *Journal of Speech Language and Hearing Research*, 54, 1485-1496.
27. **Malandraki*, G.A.**, Hind, J., Gangnon, R., Logemann, J., & Robbins, J. (2011). [The utility of pitch elevation in the evaluation of oropharyngeal dysphagia: Preliminary findings](#). *American Journal of Speech and Language Pathology*, 20(4), 262-268.
28. Humbert*, I., McLaren*, D., **Malandraki, G.A.**, Johnson, S., & Robbins, J. (2011). [Swallowing intentional off-state in aging and Alzheimer's disease: preliminary study](#). *Journal of Alzheimer's Disease*, 26(2), 347-354.
29. Paine, T.L., Conway, C.A., **Malandraki, G.A.**, & Sutton*, B.P. (2011). [Simultaneous dynamic and functional MRI scanning \(SimulScan\) of natural swallows](#). *Magnetic Resonance in Medicine*, 65(5), 1247-1252.
30. **Malandraki*, G.A.**, Perlman, A.L., Karampinos, D., & Sutton, B.P. (2011). [Reduced somatosensory activations in swallowing with age](#). *Human Brain Mapping*, 32(5), 730-743.
31. **Malandraki*, G.A.**, Sutton, B.P., Perlman, A.L., & Karampinos, D.C. (2010). [Age-related differences in laterality of cortical activations in swallowing](#). *Dysphagia*, 25(3), 238-249.
32. **Malandraki*, G.A.**, Sutton, B.P., Perlman, A.L., Karampinos, D.C., & Conway, C. (2009). [Neural activation of swallowing and swallowing-related tasks in healthy young adults: An attempt to separate the components of deglutition](#). *Human Brain Mapping*, 30(10), 3209-3226.
33. Stylios*, C.D., Georgopoulos*, V.C., **Malandraki, G.A.**, & Chouliara, S. (2008). Fuzzy cognitive map architectures for medical decision support systems. *Applied Soft Computing*, 8, 1243-1251.
34. **Malandraki*, G.A.**, & Okalidou, A. (2007). [The application of PECS in children with autism & deafness: A case study](#). *Focus on Autism and Other Developmental Disabilities*, 22, 23-32.
35. Georgopoulos*, V., **Malandraki, G.A.**, & Stylios, C. (2003). [A fuzzy cognitive map approach to differential diagnosis of Specific Language Impairment](#). *Artificial Intelligence in Medicine*, 29, 261-178.

B. Invited Journal Publications

1. **Malandraki, G.A.**, & Hutcheson, K.A. (2018). [Intensive Therapies for Dysphagia: Implementation of the Intensive Dysphagia Rehabilitation and the MD Anderson Swallowing Boot Camp](#)

Malandraki Vitae, January 2021

- [Approaches](#). *Perspectives of the ASHA Special Interest Groups, SIG13*, 3(Part 4), 133-145. [peer-reviewed]
2. **Malandraki***, G.A., & Kantarcigil, C. (2017). [Telehealth for dysphagia rehabilitation: The present and the future](#). *Perspectives of the ASHA Special Interest Groups, SIG18*, 2(Part 2), 42-48. [peer-reviewed].
 3. Ciucci, M., Jones, C.A., **Malandraki, G.A.**, & Hutcheson, K.A. (2016). [Dysphagia Practice in 2035: Beyond Fluorography, Thickener, and Electrical Stimulation](#). *Seminars in Speech and Language*, 37(3), 201-18.
 4. Wagner*, E., & **Malandraki***, G.A. (2016). [The development and impact of a university-based Dysphagia Research Clinic in the education of graduate students](#). *Perspectives of the ASHA Special Interest Groups, SIG13*, 1(Part 3), 113-121. [peer-reviewed]
 5. Rajappa*,² A., & **Malandraki***, G.A. (2016). [The neural control of oropharyngeal somatosensation and taste: A review for clinicians](#). *Perspectives of the ASHA Special Interest Groups, SIG13*, 1(Part 1), 48-55. [peer-reviewed]
 6. Rogus-Pulia*, N., **Malandraki***, G.A., Johnson, S., & Robbins, J. (2015). [Understanding dysphagia in dementia: The present and the future](#). *Current Physical Medicine and Rehabilitation Reports*, 3, 86-97.
 7. **Malandraki***, G.A., Johnson, S., & Robbins, J. (2011). [Functional Magnetic Resonance Imaging of swallowing function: From neurophysiology to neuroplasticity](#). *Head and Neck*, 33 Suppl 1, S14-20.

C. Book Chapters

- Park* H., Kim*, M.K., **Malandraki***, G.A., & Lee*, C.H. (in press). Fabrication of skin-mountable flexible sensor patch for monitoring of swallowing function. In A. Rasooly (Ed.), *Biosensors and Biodetection: Method and Protocols*, Springer.
- Malandraki***, G.A., & Bauer Malandraki, J. (2019). Oropharyngeal dysphagia in cerebral palsy. In M. Gosa & D. Suiter (Eds.), *Assessing and Treating Dysphagia: A lifespan perspective*, pp. 233-248. New York: Thieme.
- Sheppard*, J.J., & **Malandraki***, G.A. (2015). Pediatric Dysphagia. In G. Mankekar (Ed), *Swallowing Diseases, Diagnosis and Management*, pp. 161-188. India: Springer.
- Malandraki***, G.A., & Robbins, J. (2013). Dysphagia. In M.J. Aminoff, F. Boller, and D.F. Swaab (Eds), *Neural Rehabilitation: Handbook of Clinical Neurology*, 3rd Series, Volume 110, pp. 255-271. Elsevier.
- Malandraki***, G.A., & Robbins, J. (2013). Effects of Aging on Oral Contributions to Deglutition. In R. Shaker, C. Easterling, G. Postma, & P. Belasky, *Principles of Deglutition: A Multidisciplinary Text for Swallowing and its Disorders*, pp. 137-149. New York: Springer.
- Malandraki***, G.A., & Markaki, V. (2011). Traumatic Brain Injury with Intubation and Oropharyngeal Dysphagia: A case study. In A. Koronaios, D. Zervakis, and S. Nanas (Eds) *Clinical Intensive Care: Current trends*, pp. 123-135. Athens, GR: Gamma (in Greek).

D. Patents and Products

1. “Systems Comprising Skin-Mountable Electronic Devices and Methods of Producing the Same”, C.H. Lee & **G.A. Malandraki** (co-inventors). US Patent Publication number: US 2018/0271393; publication date: 09/27/2018.
2. “Wireless Palatal Plate Sensor Array for Monitoring Intraoral Pressure and Lingual Movement” C.H. Lee & **G.A. Malandraki** (co-inventors). Disclosed: October 5, 2017.
3. “Intensive Dysphagia Rehabilitation Approach -IDRA [a new rehabilitation protocol for neurogenic dysphagia] (Trademark Registration, in preparation, **G.A. Malandraki**)
4. “Recline Exercise”, a video tutorial on a swallowing exercise regimen developed by **G.A. Malandraki** (published in 2019; Available at: [https://asha.figshare.com/articles/The Recline and Head Lift Exercises Fujiki et al 2019_/7742897](https://asha.figshare.com/articles/The_Recline_and_Head_Lift_Exercises_Fujiki_et_al_2019_/7742897)).
5. **Malandraki, G.A.** (2020, April 24). Telehealth Recommendations and Resources for Dysphagia Management during COVID-19: a detailed free web-guide for clinicians during COVID-19. Available at: <https://www.purdue.edu/i-eatlab/telehealth-recommendations-for-dysphagia-management-during-covid-19/>. This free resource page was created during COVID-19 and has had more than 20,000 views/visits since April 24, 2020.

DISSERTATION AND THESES

- **Malandraki GA** (2008). Identifying the neural correlates of normal swallowing in two age groups using fMRI. Proquest Dissertations Publishing.
- **Malandraki GA** (2004). Persisting effects of aspiration and/or penetration on voice quality and voice pitch. Ohio University Library.
- **Malandraki GA** (2001). Autism and Deafness: The application of the Picture Exchange Communication System (PECS) to an autistic and deaf Greek boy. Unpublished Bachelor’s Thesis.

RESEARCH WORK IN PROGRESS

*[*indicates primary author(s); superscript numbers indicate co-author(s) mentored by Dr. Malandraki: ¹undergraduate student, ²graduate student, ³postdoctoral scientist]*

Submitted Manuscripts

Alvar^{*}, A.², Arkenberg^{*}, R.H.², McGowan, B., Cheng, H., & **Malandraki^{*}, G.A.** (under review). White matter is critical in the neural control of swallowing: results from a systematic review.

Malandraki^{*}, G.A., Kantarcigil², C., Sheppard, J.J., Craig, B., Zhang, Y. & Gordon, A. (under review). Variability of feeding behaviors and mealtime durations in self-feeding children with cerebral palsy.

Completed Projects (manuscripts to be submitted, in preparation):

McKenna^{*}, V³, Kantarcigil, C², & Smith, A., & **Malandraki^{*}, G.A.**, (in preparation). Use of surface submental electromyography during swallowing in healthy individuals and patients with neurogenic dysphagia: a systematic review. Anticipated submission date: Summer 2020.

Malandraki^{*}, G.A., Mitchell, S.², Arkenberg Hahn², R., Brown, B., Craig, B., Burdo-Hartman, W., Lundine, J., & Goffman, L. (in preparation). Swallowing and communication function and efficiency in children with unilateral CP and typically developing children. Anticipated submission date: Fall 2020.

RESEARCH SUPPORT

Extramural Research Grants (list includes only *pending and awarded* grants as faculty member)

Awarded

Agency / Title of Grant: NIH-NIBIB Trailblazer R21 / Development of mechanically compliant wearable monitoring systems for swallowing function and disorders.
Duration: 3 years (07/01/2019 – 08/31/2022)
Total amount requested: \$563,357
Role: equal PI with Chi Hwan Lee

Agency / Title of Grant: NIH-NIDCD R21/Neuroplastic adaptations of swallowing and speech in children with unilateral cerebral palsy
Duration: Three (3) years and 1 yr NCE (07/01/2017 – 06/30/2021)
Total amount of award: \$449,169
Role: Principal Investigator

Agency / Title of Grant: American Academy for Cerebral Palsy and Developmental Medicine and Pedal-with-Pete Foundation / Neuroplastic adaptations of swallowing and speech in cerebral palsy: A 2-center study to identify new treatment targets
Duration: 18 months + 12 months NCE (03/01/2017 – 09/30/2019)
Total amount of award: \$24,984
Role: Principal Investigator

Agency/Title of Grant: NIH-NIDCD SBIR / Development of a telehealth platform for treatment with the SpeechVive device
Duration: Two (2) years (2016-2018)
Total amount of award: \$1,239,647
Role: Consultant (PI: Huber)

Agency/Title of Grant: Patricia Boscamp Cluss Donation Fund / Tele-evaluation of neurogenic swallowing disorders
Duration: One (1) year (01/01/2014 - 12/31/2015)
Total amount of award: \$50,000
Role: Principal Investigator

Agency/Title of Grant: Wisconsin Alzheimer Disease Research Center Pilot Grant (funded by NIH/NIA) / Effects of sensory stimulation on neural activity and swallowing performance in healthy older adults and adults with mild Alzheimer's Disease
Duration: Two (2) years (03/30/2010 - 12/31/2012)
Total amount of award: \$30,000
Role: Principal Investigator

Intramural Research Grants (list includes *pending and awarded* grants as faculty member)

Malandraki Vitae, January 2021

Pending

Agency/Title of Grant: Purdue Research Foundation Trask Innovation Fund Award / Tele-EaT sensors Phase 2: Wearable technology for the management of dysphagia
Status: Successful in first round / Invited to present in December 2020
Duration: 6 months (01/01/2020 – 06/3/2020)
Amount requested: \$50,000
Role: PI

Awarded

Agency/Title of Grant: Purdue College of Health and Human Sciences COVID-19 Rapid Response Grant / Telehealth for the management of dysphagia during COVID-19 and beyond
Duration: 1 year (07/01/2020 – 06/30/2021)
Total amount of award: \$10,000
Role: PI

Agency/Title of Grant: CEREBBRAL Pilot Grant / Real-world interplay of speech and swallowing in neuromotor disorders
Duration: 1 year (01/01/2020 – 12/31/2020)
Total amount of award: \$5,000
Role: PI (co-PI: Huber)

Agency/Title of Grant: SMART Consortium / Intrinsically Stretchable and Flexible Electronic Polymer Sensors for Global Health
Duration: 2 years (08/01/2019 – 07/31/2021)
Total amount of award: \$60,000
Role: Equal PI with Bryan Boudouris (Chem E) & Chi Hwan Lee (BME)

Agency/Title of Grant: Purdue Research Foundation Trask Innovation Fund Award / Tele-EaT sensors: Wearable technology for the management of dysphagia
Duration: 6 months (07/01/2019 – 12/31/2019)
Total amount of award: \$47,936
Role: Equal PI with Chi Hwan Lee (BME)

Agency/Title of Grant: Ralph W. and Grace M. Showalter Research Trust / Tele-EaT sensors: Wearable technology for the tele-rehabilitation of dysphagia
Duration: 1 year (08/01/2018 – 07/31/2020)
Total amount of award: \$65,000
Role: Equal PI with Chi Hwan Lee (BME)

Agency / Title of Grant: Indiana CTSI/WGHI / Exploring realistic treatments to reduce the burden of swallowing difficulties in aging and neurodegenerative disorder
Duration: 2 years
Total amount of award: \$15,000
Role: co-PI; Running (PI)

Agency/Title of Grant: Purdue Institute for Integrative Neuroscience / S.M.A.R.T (Swallowing Muscle Activation Recorded via Telehealth) sensors preliminary validation study
Duration: One (1) year (06/01/2016-05/30/2017)
Total amount of award: \$9,000
Role: co-PI with doctoral student Cagla Kantarcigil
Directly responsible: 100% of the funds

Agency/Title of Grant: Purdue College of Health and Human Sciences MRI seed fund / Developmental neuroplasticity of swallowing and speech in children with cerebral palsy and healthy age-matched controls
Duration: One (1) year (11/15/2014 - 06/30/2015)
Total amount of award: \$3,520
Role: Principal Investigator

Agency/Title of Grant: Teachers College, Columbia University Provost Investment Fund / Initiation of an innovative swallowing and neuroimaging research program: A first pilot study
Duration: Two (2) years (01/01/2011 - 12/31/2013)
Total amount of award: \$20,000
Role: Principal Investigator

PRESENTATIONS

INVITED INTERNATIONAL LECTURES AND KEYNOTE SPEECHES

Malandraki, G.A. (2020). Telehealth recommendations for dysphagia management during COVID-19 and beyond. 10th European Society for Swallowing Disorders (ESSD) Congress (Online Virtual Congress).

Malandraki, G.A. (2019). Interactive Case Seminar in Dysphagia (**Keynote Seminar**). 25th Annual Meeting of the Japanese Society of Dysphagia Rehabilitation, Niigata, Japan.

Malandraki, G.A. (2019). Muscle performance training for the cranial system: An ongoing RCT comparing swallow and voice outcomes of the novel Recline Exercise (RE) and the Head-Lift Exercise. 3rd International Dysphagia Symposium, Nagoya, Japan.

Ward, L., Burns, C. & **Malandraki, G.A.**, (2019). Technology & Tele-health: Implications for Dysphagia practice. 2019 Speech Pathology Australia and New Zealand Speech-language Therapists' Association Common Conference, Queensland, Australia.

Malandraki, G.A. (2018). Two novel dysphagia management approaches: The Intensive Dysphagia Rehabilitation (IDR) and Telehealth (**Keynote**). 24th Annual Meeting of the Japanese Society of Dysphagia Rehabilitation, Sendai, Japan.

Malandraki, G.A. (2018). New findings on the underlying swallowing physiology of children with cerebral palsy (CP): Implications for future research and treatment. 2nd International Dysphagia Symposium, Nagoya, Japan.

Malandraki, G.A. (2017). Oropharyngeal dysphagia: Current updates. Athens Medical School, National & Kapodistrian University of Athens, Greece.

- Malandraki, G.A.** (2016). Recent advances in the treatment of neurogenic dysphagia. Emirates Otorhinolaryngology, Audiology and Communication Disorders Congress, Dubai, United Arab Emirates.
- Malandraki, G.A.** (2015). Functional MRI and swallowing: Methods, applications and new directions. European Society for Swallowing Disorders (ESSD) Pre-Congress course “New approaches to neurogenic dysphagia”, Barcelona, Spain.
- Malandraki, G.A.** (2015). Maximizing the effects of swallowing treatment: Evidence-based practice and beyond (**Keynote**). International Communications Disorders Audiology and Neuro-Otology Conference, Saudi Arabia, Riyadh, kingdom of Saudi Arabia.
- Malandraki, G.A.** (2013). The “borders” of oropharyngeal dysphagia. Hellenic Association of Speech Pathology Scientists of Greece, Athens, Greece.
- Malandraki, G.A.** (2012). How fMRI will help advance understanding of plasticity within swallowing. Postgraduate Course, Annual Dysphagia Research Society Meeting, Toronto, Canada.
- Malandraki, G.A.** (2012). Oropharyngeal dysphagia in the ICU: Diagnosis and Treatment. Hellenic Intensive Care Convention, Athens, Greece.
- Malandraki, G.A.** (2011). Diagnosis of oropharyngeal dysphagia: What are the options for optimal treatment. State-of-the-Art Interdisciplinary Review Course on Pulmonary Diseases, Critical Care, Emergency Medicine & Nursing Care, Athens, Greece.

INVITED NATIONAL AND LOCAL LECTURES

- Malandraki, G.A.** (2020). Swallowing neurophysiology: a roadmap to improving patient care. University of Pittsburgh, Department of Communication Science and Disorders Research Roundtables, 1-hour online talk.
- Malandraki, G.A.** (2020). Going virtual for dysphagia management during COVID-19: evidence, reality and opportunities. 2020 Oregon Speech, Language, Hearing Association Conference, 3-hour online webinar.
- Malandraki, G.A.** (2020). Swallowing physiology and nutrition: where and how they intersect? Purdue Interdepartmental Nutrition Program Seminar Series, 1-hour online talk.
- Malandraki, G.A.** (2020). The Use of Telehealth (and Wearable Technology) for the Management of Dysphagia during COVID-19 and Beyond. Purdue Center for Aging and Life Course Colloquium, 1-hour online talk.
- Malandraki, G.A.** (2020). Tele-Management of Dysphagia during COVID-19 and Beyond: Practical Guidelines to Maintain Safety and Ethical Standards. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).
- Malandraki, G.A.** (2020). Wearable technologies for the rehabilitation of swallowing disorders. Clinical Translational Institute of Indiana Retreat, West Lafayette, IN.
- Malandraki, G.A.** (2019). Realities and Possibilities for Telehealth in Dysphagia: Imagine more to accomplish more. American Speech-Language-Hearing Association Convention, Orlando, FL.
- Malandraki, G.A.** (2019). New research and clinical directions in the management of dysphagia in cerebral palsy: Continuing the Sheppard legacy. Memorial Justine Joan Sheppard Conference, New York, NY.
- Malandraki, G.A.** (2019). What If We Could Cure Dysphagia? Leaps in the science and management of swallowing disorders. Purdue College of Health and Human Sciences, Fall Research Day, West Lafayette, IN.
- Malandraki, G.A.** (2019). Novel wearable technologies for the rehabilitation of swallowing disorders. Mi-Bio Summit on Flexible and Stretchable Bioelectronics, West Lafayette, IN.
- Malandraki, G.A.** (2019). Muscle strengthening or skill-based training for dysphagia rehabilitation. IDRA: the case for both (**Keynote**). James Annual Dysphagia Conference, The Ohio State University.
- Malandraki, G.A.** (2019). From swallowing neurophysiology to neuroplasticity: a roadmap to improved patient care. Otolaryngology Grand Rounds, The Ohio State University Wexner Medical Center.

- Ward, L., **Malandraki, G.A.**, & Burns, C. (2019). Communications from Clinic to Community using Technology & Tele-health: Implications for Dysphagia practice (Lunch and Learn Session). Dysphagia Research Society Meeting, San Diego, CA.
- Malandraki, G.A.**, Burkhead Morgan, L., & Ciucci, M. (2018). The evolving science and practice of dysphagia care (Short Course). 2018 American Speech Language and Hearing Association Convention, Boston, MA.
- Malandraki, G.A.** (2018). Exercise Physiology for Swallowing Function: Muscle Performance and the Recline Exercise. Indiana Voice and Dysphagia Network, Indianapolis, IN.
- Lazarus, C., & **Malandraki, G.A.** (2018). Compensation or Re-training. Charleston Swallowing Conference, Northwestern University, Chicago, IL.
- Kelchner, L., & **Malandraki, G.A.** (2018). Telehealth and Health Communication – Reaching the Unreachable. Charleston Swallowing Conference, Northwestern University, Chicago, IL.
- Arvedson, J., Gaebler-Spira, D., & **Malandraki, G.A.** (2018). Grand Rounds - Acquired Neurologic Disorders: Cerebral Palsy. Charleston Swallowing Conference, Northwestern University, Chicago, IL.
- Malandraki, G.A.** (2018). New directions in the management of dysphagia in cerebral palsy: time to revisit our practices with this understudied population. Illinois Speech Language Hearing Association Convention, Chicago, IL.
- Malandraki, G.A.** (2018). The Intensive Dysphagia Rehabilitation (IDR) Approach: 3 years of applying a new neuroplasticity-driven approach to rehabilitate dysphagia. Illinois Speech Language Hearing Association Convention, Chicago, IL.
- Malandraki, G.A.** (2017). Neuroplastic adaptations of feeding/swallowing in unilateral cerebral palsy: Preliminary findings. Indiana Neuroimaging Symposium, West Lafayette, IN.
- Malandraki, G.A.** & Ciucci, M. R. (2017). New directions in the assessment of neurogenic dysphagia. Florida Dysphagia Institute, Orlando, FL.
- Gosa, M., & **Malandraki, G.A.** (2017). Myths and controversies in pediatric dysphagia. Florida Dysphagia Institute, Orlando, FL.
- Malandraki, G.A.** (2016). The Intensive Dysphagia Rehabilitation (IDR) approach: Framework & Evidence. Indiana Speech Language Hearing Association Convention, Indianapolis, IN.
- Malandraki, G.A.** (2016). The role of neuroplasticity and motor learning in improving dysphagia treatment across the life span. Ohio Speech Language Hearing Association Convention, Columbus, OH.
- Malandraki, G.A.** (2015). Neuroplastic adaptations of the swallowing network in children with unilateral spastic cerebral palsy (USCP) and dysphagia: Potential implications for rehabilitation. Society for Neuroscience satellite event “Neural Mechanisms of Feeding and Swallowing”, Chicago, IL.
- Martin, R., & **Malandraki, G.A.** (2015). Neuroplasticity and dysphagia rehabilitation: how to connect the dots. American Speech Language and Hearing Association Convention, Denver, Colorado.
- Malandraki, G.A.** (2015). Applying neuroplasticity principles in dysphagia treatment: Taking evidence to the next level. Indiana Speech Language and Hearing Association Convention, Indianapolis, IN.
- Malandraki, G.A.** (2015). Telepractice: Guidelines, challenges, benefits & evidence for Speech-Language Pathology. Indiana Speech Language Hearing Association Convention, Indianapolis, IN.
- Malandraki, G.A.** (2015). Functional and structural connectivity tools for understanding developmental & treatment brain plasticity. Postgraduate Course, Dysphagia Research Society Meeting, Chicago, IL.
- Malandraki, G.A.** (2014). Use of imaging techniques on neural control of swallowing in normal subjects and patients with dysphagia. Society for Neuroscience satellite event “Neural Mechanisms of Feeding and Swallowing”, Washington, DC.
- Malandraki, G.A.** (2014). Exercise outcomes in Inclusion Body Myositis and Sjogren’s Disease: A longitudinal case study. Postgraduate Course, Dysphagia Research Society Meeting, Nashville, TN.
- Malandraki, G.A.** (2013). Swallowing rehabilitation in stroke: Preliminary results of a treatment study. Greater New York Stroke Coordinators' Consortium, New York, NY.
- Malandraki, G.A.** (2013). Swallowing: from physiology to neurophysiology. Special Topics on TBI and dementia. William Patterson University, Wayne, NJ.

- Malandraki, G.A.** (2013). Dysphagia and fMRI Research: From swallowing physiology to neuroplasticity. Department of Communicative Sciences and Disorders, New York University, New York, NY.
- Malandraki, G.A.** (2012). Effects of swallowing treatment on the neurophysiology of swallowing: Evidence for neuroplasticity. New York State Speech Language and Hearing Association, Saratoga Springs, NY.
- Malandraki, G.A.** (2011). The use of neuroimaging in understanding swallowing physiology, pathophysiology and treatment outcomes for patients with dysphagia. Otolaryngology Department Grand Rounds, Columbia Presbyterian Hospital, New York, NY.
- Malandraki, G.A.** & Hind, J. (2010). Swallowing disorders in older adults: Diagnosis and interventions. School of Nursing, University of Wisconsin, Madison, WI.
- Robbins, J. & **Malandraki, G.A.** (2010). Disorders of oropharyngeal swallowing. GI/Hepatology, Department of Medicine, University of Wisconsin, Madison, WI.
- Malandraki, G.A.** (2008 and 2009). The neurophysiology of swallowing and how it changes with age. Dept. of Communicative Disorders, University of Wisconsin, Madison, WI.
- Malandraki, G.A.** & Perlman, A.L. (2006). The use of MRI and fMRI in swallowing: Present and future applications. Dysphagia Research Society Meeting, Scottsdale, AZ.
- Malandraki, G.A.** (2006). The act of swallowing: A complex neuromuscular function of the human body. Bioengineering Dept., University of Illinois at Urbana-Champaign, IL.

INTERNATIONAL PRESENTATIONS (PEER-REVIEWED)

*[*indicates primary author(s); superscript numbers indicate co-author(s) mentored by Dr.*

Malandraki: ¹undergraduate student, ²graduate student, ³postdoctoral scientist]

- Mitchell*, S.², Fujiki, R.², Oliver, A.², Craig, B., & **Malandraki*, G.A.** (2020). Effects of the head lift and recline exercises on the neuromuscular control of swallowing. European Society of Swallowing Disorders 10th Annual Congress (Virtual).
- Malandraki*, G.A.**, Mourão, L.F., Lu, K.H., Friel, K.M., Luchesi, K.F., Sheppard, J.J., Gordon, A.M., & Liu, Z. (2017). Functional and structural connectivity in children with unilateral cerebral palsy and clinical dysphagia: a multimodal neuroimaging study. European Society for Swallowing Disorders (ESSD) Congress, Barcelona, Spain. - ***Awarded Best Scientific Abstract and Oral Presentation Award***
- Georgopoulos*, V.C., Perdikogianni, M., Mouskenteris, M., Psychogiou L., Oiconomou M., **Malandraki, G.A.** (2016). Validation and cultural adaptation of the SWAL-QOL in Greek language. Poster presented at European Society for Swallowing Disorders (ESSD) Congress, Milan, Italy.
- Malandraki*, G.A.**, Markaki, V., Georgopoulos, V., Psychogios, L., & Nanas, S. (2014). The incidence and impact of post-extubation dysphagia in neurological patients of the largest step-down ICU of Greece: a 2-year retrospective study. Poster presented at World Congress for Neurorehabilitation, Istanbul, Turkey.
- Malandraki*, G.A.**, Markaki, V., Georgopoulos, V., Kalogeropoulos, I., Psychogios, L., & Nanas, S. (2012). Epidemiological data from the step down unit of the University Hospital Evangelismos. Poster presented at Hellenic Intensive Care Convention, Athens, Greece.
- Malandraki*, G.A.**, Hind, J., Logemann, J., & Robbins, J. (2010). Pitch elevation in the evaluation of dysphagia. Poster presented at Dysphagia Research Society Meeting, Vancouver, Canada.
- Malandraki*, G.A.**, Sutton, B.P., Perlman, A.L., Karampinos, D.C., & Conway, C. (2008). Identifying neural activation of swallowing and its components in healthy young adults using fMRI. Poster presented at European Symposium on Biomedical Engineering, Chania, Greece.
- Perlman*, A.L., **Malandraki*, G.A.**, & He, X. (2007). Coordination of respiration and deglutition across the lifespan: Data from children and adults. International Association of Logopedics and Phoniatrics (IALP) 27th World Congress, Copenhagen, Denmark.

Pierrakeas*, C., Georgopoulos, V.C., & **Malandraki, G.A.** (2006). Telemedicine applications of speech pathology based on online collaboration environments. World Congress on Medical Physics and Biomedical Engineering, Seoul, Korea.

NATIONAL PRESENTATIONS (PEER-REVIEWED)

[*indicates primary author(s); superscript numbers indicate co-author(s) mentored by Dr.

Malandraki: ¹undergraduate student, ²graduate student, ³postdoctoral scientist]

Mitchell*, S²., Fujiki, R²., Oliver, A²., Craig, B., & **Malandraki*, G.A.** (2020). The Recline and Head-Lift Exercises: Comparing potential neuromuscular drivers in healthy older adults. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).

Arkenberg Hahn*, R²., Mitchell, S., Brown, B., Goffman, L., & **Malandraki*, G.A.** (2020). Neuromuscular development of swallowing and speech: a prospective cross-sectional study. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).

Smith*, C²., Exner, A., Huber, J., & **Malandraki*, G.A.** (2020). The impact of functional swallowing and speech interactions on swallowing timing: A pilot study. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).

Bryan*, J¹., Wetzel, D., Bauer Malandraki J., Wagner, E., & **Malandraki*, G.A.** (2020). The development and impact of a pilot simulation-based dysphagia training on student confidence and performance. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).

Varindani Desai*, R., Langton-Frost, N., Bauer Malandraki, J., & **Malandraki*, G.A.** (2020). A roadmap to dysphagia telepractice across three different settings: Detours, details and discoveries amidst COVID-19. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).

Bryan*, J¹., Wetzel, D., Bauer Malandraki J., & **Malandraki*, G.A.** (2020). The Impact of Virtual Simulation-Based Training on Speech-Language Pathology Graduate Students. Poster presented at the Indiana Speech Language & Hearing Association Convention (online).

Venkatraman*, A²., Fujiki, R., Pearson, W., Sivasankar, P., & **Malandraki*, G.A.** (2019). Vocal Pitch Elevation and Swallowing: A Pilot Study on their Biomechanical Interactions in Healthy Adults. American Speech-Hearing-Language Association Convention, Orlando, FL.

McKenna*, V.S., Alvar, A.M., Zañartu, M., **Malandraki, G.A.**, & Huber, J.E. (2019). Neck-surface accelerometry in voice and swallowing research. Poster presented at the Mi-Bio Summit on Flexible and Stretchable Bioelectronics, West Lafayette, IN.

Georgopoulos*, V.C., Rajappa, A., Soriano, K., Zeimer, C., & **Malandraki*, G.A.** (2019). Feasibility of a neural network in predicting aspiration severity post supratentorial stroke. Poster presented at the Dysphagia Research Society Meeting, San Diego, CA.

Kantarcigil², C., Lee, CH, Kim, MK, Craig, B. & **Malandraki*, G.A.** (2019). First validation of a novel ultra-thin wearable electromyography sensors patch for monitoring submental muscle activity during swallowing. Poster presented at the Dysphagia Research Society Meeting, San Diego, CA.

Malandraki*, G.A., & Burdo-Hartman, W. (2018). New and emerging research directions for the management of feeding and swallowing in cerebral palsy. American Academy for Cerebral Palsy and Developmental Medicine Meeting, Cincinnati, OH.

Malandraki*, G.A., Bauer Malandraki, J. L., Rajappa, A., & Kantarcigil, C. (2018). Four years of applying the Intensive Dysphagia Rehabilitation (IDR) approach: A Personalized Neuroplasticity-Driven Swallowing Training. American Speech-Hearing-Language Association Convention, Boston, MA.

- Fujiki^{2*}, R.B., Oliver^{1*}, A., R.B., Bauer Malandraki, J., Wetzel, D. & **Malandraki*, G.A.** (2018). The Recline and Head-Lift exercises have similar biomechanical swallowing outcomes & detraining effects in older adults: A randomized clinical trial. Dysphagia Research Society Meeting, Baltimore, MD.
- Malandraki, G.A.**, Kantarcigil, C., Craig, B., Zhang, Y., Gordon, A., & Sheppard, J.J. (2018). The day-to-day variability of clinical dysphagia and mealtime duration in self-feeding children with cerebral palsy. Poster presented at the Dysphagia Research Society Meeting, Baltimore, MD.
- Oliver*,¹ A., Fujiki*,² R.B., Bauer Malandraki, J., & **Malandraki*, G.A.** (2017). The Recline & Head-Lift exercises: Preliminary swallowing outcomes of a randomized clinical trial. American Speech-Hearing-Language Association Convention, Los Angeles, CA.
- Fujiki*,² R.B., Oliver,¹ A., Sivasankar, P.M., & **Malandraki*, G.A.** (2017). The Recline & Head-Lift exercises: Preliminary voice outcomes of a randomized clinical trial. Poster presented at American Speech-Hearing-Language Association Convention, Los Angeles, CA.
- Bauer Malandraki*, J., & **Malandraki*, G.A.** (2017). Application of the Intensive Dysphagia Rehabilitation approach in HNC & chronic dysphagia: A Case Report. Poster presented at American Speech-Hearing-Language Association Convention, Los Angeles, CA.
- Kantarcigil*,² C., & **Malandraki*, G.A.** (2017). Development of the e-HiT for patients with dysphagia and comparison with a traditional case-history form. Poster presented at American Telemedicine Association Conference, Orlando, FL.
- Mishra*,² A., **Malandraki*, G.A.**, Sheppard J.J., Gordon A.M., Levy, E.S., & Troche*, M.S. (2017). Airway protective behaviors and clinical swallow function in children with cerebral palsy and healthy controls. Dysphagia Research Society Meeting, Portland, OR.
- Sheppard*, J.J., Mishra,² A., Troche, M.S., & **Malandraki*, G.A.** (2017). Validation of the Choking Risk Assessment and Pneumonia Risk Assessment for adults with Intellectual and Developmental Disability (IDD). Poster presented at Dysphagia Research Society Meeting, Portland, OR. – ***Awarded third place for Best Poster Award***
- Rajappa*,² A.T., Soriano, K., Zeimer, C., Bauer Malandraki, J., Troche, M.S., & **Malandraki*, G.A.** (2017). Reduced pitch elevation correlates with airway invasion in patients with neurogenic dysphagia. Poster presented at the Dysphagia Research Society Meeting, Portland, OR.
- Malandraki*, G.A.**, Kantarcigil,² C., DelPetre,¹ N., Jones,¹ A. (2016). Variability of dysphagia and mealtime duration in children with unilateral cerebral palsy: a pilot study. American Speech-Hearing-Language Association Convention, Philadelphia, PA.
- Kantarcigil*,² C., & Malandraki*, G.A. (2016). Development and comparisons of an electronic dysphagia case history form with a paper-based version. Poster presented at American Speech-Hearing-Language Association Convention, Philadelphia, PA.
- Mishra*,² A., Sheppard J.J., Gordon A.M., & **Malandraki*, G.A.** (2016). New measures of mealtime duration components are associated with swallowing performance in children with cerebral palsy: A preliminary study. American Academy for Cerebral Palsy and Developmental Medicine Meeting, Hollywood, FL.
- Malandraki*, G.A.**, Cameron,² E., Friel, K., Dyke, J.P., Sheppard J.J. & Gordon, A.M. (2016). Children with unilateral spastic cerebral palsy and dysphagia present with maladaptive morphometry in cortical areas associated with swallowing. Dysphagia Research Society Meeting, Tucson, AZ.
- Malandraki*, G.A.**, Abbas,² K., Friel, K., Dreyer,² N., Sheppard J.J., & Gordon, A.M. (2016). Functional neuroplastic adaptations of the swallowing network in children with unilateral spastic cerebral palsy and dysphagia: A resting-state fMRI study. Dysphagia Research Society Meeting, Tucson, AZ.
- Mishra*,² A., Sheppard J.J., & **Malandraki*, G.A.** (2016). Components of mealtime duration in a natural environment predict swallowing and feeding severity in children with cerebral palsy: A pilot study. Dysphagia Research Society Meeting, Tucson, AZ.

- Mourao*,³ L.F., Friel, K., Kantarcigil, C., Luchesi, K.F., Gordon, A.M., & **Malandraki*, G.A.** (2016). The role of the corpus callosum in pediatric dysphagia: preliminary findings from a Diffusion Tensor Imaging (DTI) study in children with congenital left-hemisphere lesions. Dysphagia Research Society Meeting, Tucson, AZ.
- Rajappa*,² A., Soriano, K., Zeimer, C., & **Malandraki*, G.A.** (2016). The relationship between vocal pitch elevation and aspiration: adding to the evidence. Poster presented at Dysphagia Research Society Meeting, Tucson, AZ.
- Malandraki*, G.A.**, Abbas, K., Friel, K., Sheppard, J.J., Gordon, A.M. (2015). Intrinsic functional connectivity of the swallowing neural network in children with unilateral spastic cerebral palsy (USCP) with and without dysphagia. American Academy for Cerebral Palsy and Developmental Medicine Meeting, Austin, TX.
- Friel*, K., Gordon, A.M., Mourao*,³ L., **Malandraki*, G.A.** (2015). Assessing structural connectivity in patients with cerebral palsy with and without dysphagia. Poster presented at American Academy for Cerebral Palsy and Developmental Medicine Meeting, Austin, TX.
- Kantarcigil*,² C., Sheppard, J.J., Gordon, A., Friel, K., & **Malandraki*, G.A.** (2015). Face-to-face versus asynchronous clinical swallowing evaluations in pediatric dysphagia. American Telemedicine Association Meeting, Los Angeles, CA.
- Malandraki*, G.A.**, Friel, K., Mishra,² A., Kantarcigil,² C., Gordon, A., & Sheppard, J.J. (2015). Swallowing disorders in pediatric hemiplegia: frequency, types and associations with neurological findings. Poster presented at Dysphagia Research Society Meeting, Chicago, IL.
- Mishra*,² A., Rajappa,² A., Tipton, E., **Malandraki*, G.A.** (2015). The Recline Exercise: comparisons with the head raise exercise in healthy adults. Poster presented at Dysphagia Research Society Meeting, Chicago, IL.
- Malandraki*, G.A.**, Mishra,² A., Gordon, A., & Sheppard, J.J. (2014). Dysphagia in pediatric hemiplegia: More prevalent than expected. American Speech-Hearing-Language Association Convention, Orlando, FL.
- Malandraki*, G.A.**, Friel, K.M., Sheppard, J.J., & Gordon, A. (2014). Functional connectivity of swallowing network areas in children with acquired or congenital hemiplegia: A pilot study. Poster presented at Society for Neuroscience, Washington, DC.
- Rajappa,² A., Kantarcigil,² C., Wagner, E., Youse, K., & **Malandraki*, G.A.** (2014). Boot camp for swallowing treatment: A new service delivery model. American Speech-Hearing-Language Association Convention, Orlando, FL.
- Mishra*,² A., Rajappa,² A., Tipton, E., **Malandraki*, G.A.** (2014). A modified Shaker exercise: Preliminary effects on submental muscle activity and tongue strength. Poster presented at the American Speech-Hearing-Language Association Convention, Orlando, FL.
- Malandraki*, G.A.**, Wagner*, E., Gagnon, B., Sheppard, J.J., Ivey, C., & Youse, K. (2013). Developing a dysphagia research clinic in a graduate SLP program: Steps, challenges, successes. American Speech-Hearing-Language Association Convention, Chicago, IL.
- Malandraki*, G.A.**, Nair, V.A., Hind, J., Johnson, S., Prabhakaran, V., & Robbins, J. (2013). Effects of cold and sour enhancement on neural activation of swallowing in healthy elders. Dysphagia Research Society Meeting, Seattle, WA.
- Malandraki*, G.A.**, Nair, V.A., Hind, J., Prabhakaran, V., Lye, Y.H., & Robbins, J. (2013). Resting-state functional connectivity MRI of swallowing network areas: Preliminary differences between healthy elders and patients with mild Alzheimer's disease. Dysphagia Research Society Meeting, Seattle, WA.
- Robbins*, J., **Malandraki*, G.A.**, Humbert*, I., Nair, V.A., Hind, J., Johnson, S., & Prabhakaran, V. (2013). Oropharyngeal muscle strengthening reduces higher neural control in healthy adults but not in chronic stroke. Poster presented at Dysphagia Research Society Meeting, Seattle, WA.
- Malandraki*, G.A.**, Markaki, V., Georgopoulos, V., Correa-Barron,² C., Mocchetti,² V., & Nanas, S. (2012). A Greek-American swallowing telepractice Program: Development & preliminary results. Poster presented at American Speech-Hearing-Language Association Convention, Atlanta, GA.

- Malandraki*, G.A., & Robbins*, J.** (2011). Lingual strengthening in neuromuscular degenerative disease: A longitudinal case study. American Speech-Hearing-Language Association Convention, San Diego.
- Malandraki*, G.A., McCullough, G., & Perlman*, A.L.** (2011). Teledynamic swallowing evaluation: Results & review of an NIH Study. American Speech-Hearing-Language Association Convention, San Diego, CA.
- Malandraki*, G.A., Hind, J., Logemann, J., & Robbins*, J.** (2010). The relationship between pitch elevation and swallowing safety. NIDCD/VA Conference, Integrative Neural Systems Underlying Vital Aerodigestive Tract Functions, Madison, WI.
- Malandraki*, G.A., Hind, J., Logemann, J., & Robbins*, J.** (2009). The utility of pitch elevation in the evaluation of dysphagia: Preliminary results. American Speech-Hearing-Language Association Convention, New Orleans, LA.
- Kauffman*, A., Hind, J., Malandraki, G.A., & Robbins*, J.** (2009). The role of lingual pressures in dysphagia screening. American Speech-Hearing-Language Association Convention, New Orleans, LA.
- Malandraki*, G.A., Sutton, B.P., Perlman, A.L., & Karampinos, D.C.** (2009). Age differences in the neural activation of swallowing and related tasks. Dysphagia Research Society Meeting, New Orleans, LA.
- Perlman*, A.L., McCullough*, G.H., Malandraki*, G.A., & He, X.** (2009). Telemedicine videofluoroscopic evaluations of swallowing: Reliability and feasibility. Dysphagia Research Society Meeting, New Orleans, LA.
- Malandraki*, G.A., Perlman, A.L., Sutton, B.P., & Karampinos, D.C.** (2008). Neural activation of swallowing and swallowing related tasks using fMRI in young adults. Dysphagia Research Society Meeting, Charleston, SC – *Awarded the New Investigator Award*
- Perlman*, A.L., McCullough*, G.H., Malandraki*, G.A., & He, X.** (2008). Reliability between traditional and telemedicine videofluoroscopic evaluations of swallowing: Preliminary results. Dysphagia Research Society Meeting, Charleston, SC.
- Malandraki*, G.A., Perlman, A.L., & Sutton, B.P.** (2007). Neural activation of swallowing using fMRI in young adults: Preliminary results. American Speech-Hearing-Language Association Convention, Boston, MA.
- Malandraki*, G.A., Dean, R., & Lee, C.Y.** (2004). Persisting effects of aspiration and penetration on voice. American Speech-Hearing-Language Association Convention, Philadelphia, PA.

TEACHING EXPERIENCE

Purdue University (2014-date)

Course Title	Course Number	Semesters	Year
Online Anatomy and Physiology of Speech	SLHS 30300	Spring	2020:recurring
Anatomy and Physiology of Speech	SLHS 30300	Fall/Spring	2014:recurring
Dysphagia	SLHS 53900	Spring	2015:recurring
Advanced Topics in Pediatric Dysphagia	SLHS 61900	Fall	2015:recurring

Teachers College, Columbia University (2011-2014)

Course Title	Course Number	Semesters	Year
Assessment and Intervention/Dysphagia	BBSQ 5130	Fall/Spring	2011-2014
Voice Disorders	BBSQ 5113	Spring	2012-2014
Stuttering and Other Fluency Disorders	BBSQ 5114	Fall	2011-2013
Dysphagia Clinic	BBSQ 5131	Summer B	2012-2014

University of Illinois at Urbana-Champaign (2007-2008)

- Spring 2008: Instructor for the graduate course SHS 513 Normal and Disordered Swallowing.
Malandraki Vitae, January 2021

- Spring 2007: Laboratory Instructor in the graduate course SHS 513 Normal and Disordered Swallowing.

Ohio University (2003-2007)

- 2003-2004: Instructor for the course HSLs 300 Communication Disorders in the Elderly.
- Winter 2004: TA for the graduate course: HSLs 641 Dysphagia.
- Fall 2003: TA for the graduate course: HSLs 603 Neuroscience of Communication.
- Summer 2003: Instructor for the course HSLs 108 Introduction to Communication Disorders.

INVITED PRESENTATIONS (GUEST LECTURES) IN COURSES - Selected from >70

- **Malandraki GA** (2020). “Telehealth: Basic considerations, laws, ethics and applications”. Online lecture (3-series) for Purdue University *PUBH20200: Health in the Time of Pandemics*, Purdue University.
- **Malandraki GA** (2019). “Feeding and swallowing in Cerebral Palsy: New findings”. Online lecture for graduate course on Dysphagia, Teachers College, Columbia University.
- **Malandraki GA** (2017 & 2018). “Feeding and swallowing in Cerebral Palsy: An overview”. Online lecture for graduate course on Advanced Dysphagia Topics, Department of Communication Sciences and Disorders, University of Central Florida, Orlando, FL.
- **Malandraki GA** (2014 & 2018). “Motor speech and feeding disorders in Cerebral Palsy”. Graduate course on Motor Speech Disorders, Dept. of Speech, Language, and Hearing Sciences, Purdue University, West Lafayette, Indiana.
- **Malandraki GA** (2013). “Swallowing: from physiology to neurophysiology. Special Topics in TBI and dementia”. Graduate course on TBI and dementia, William Patterson University, Wayne, NJ.
- **Malandraki GA** (2012). “The use of fiberoptic endoscopy in swallowing evaluations”. Otolaryngology Fellows’ graduate course, University Hospital Evangelismos.
- **Malandraki GA** (2012). “The role of nursing in the treatment of dysphagia”. ICU Fellows’ graduate course, University Hospital Evangelismos, Athens, Greece.
- **Malandraki GA** (2011). “Swallowing and Neuroimaging”. Neuroscience Integrative Seminar, Program of Neuroscience and Education, Teachers College, Columbia University.
- **Malandraki GA** (2010). “Normal and Disordered Swallowing: An introduction”. ICU Fellows’ graduate course, University Hospital Evangelismos, Athens, Greece.
- **Malandraki GA & Hind J** (2010). “Swallowing Disorders in Older Adults: Diagnosis and Interventions”. Gerontological Nursing, School of Nursing, University of Wisconsin, (Fall, 2010).
- **Robbins J & Malandraki GA** (2010). “Senescent Swallowing and Beyond”. Biology of Aging and Age-Related Diseases Seminar, Institute on Aging, University of Wisconsin, (Spring, 2010).
- **Robbins J & Malandraki GA** (2010). “Disorders of oropharyngeal swallowing”. GI/Hepatology, Department of Medicine, University of Wisconsin.
- **Malandraki GA** (2008 and 2009). “The neurophysiology of swallowing and how it changes with age”. Swallowing Disorders, Department of Communicative Disorders, University of Wisconsin.
- **Malandraki GA** (2007). “An introduction to normal and disordered deglutition”. SHS 170 Human Communication: Systems and Disorders, University of Illinois at Urbana-Champaign.
- **Malandraki GA** (2006 and 2007). “Diagnosis of voice problems”. PAS 413 – Evaluation of Voice and Resonance Disorders, Illinois State University, Bloomington, IL.
- **Malandraki GA** (2005). “Muscles for speech and hearing, muscle receptors and reflexes”. SHS 470 Neural Bases of Speech and Language, University of Illinois at Urbana-Champaign.
- **Malandraki GA** (2005). “Diagnosis in voice disorders”. SHS 411 Introduction in Voice Disorders, University of Illinois at Urbana-Champaign.
- **Malandraki GA** (2005). “Methods of studying the nervous system”. SHS 470 Neural Bases of

Speech and Language, University of Illinois at Urbana-Champaign.

GRANTS FOR TEACHING

Agency / Title of Grant: Purdue Digital Education / Online Course Development Grant for SLHS 30300 (Anatomy & Physiology of the Speech Mechanism)
Duration: 6 months (05/31/2018-12/31/2018)
Total amount of award: \$6,000
Role: PI (co-PIs: Sivasankar and Huber)

INVOLVEMENT IN THE GRADUATE AND UNDERGRADUATE RESEARCH PROGRAM

Past Post-Doctoral Scholar

Lucia Mourao, SLHS (Major Professor), 2015-2016

Current Doctoral Students

Rachel Arkenberg, SLHS (Major Professor), 2019-present
Carolina Smith, SLHS (Major Professor), 2019-present
Min Ku Kim, BME (Committee Member; C.H. Lee, Major Professor), 2019-present
Shie Kantor, SLHS (Committee Member; P.M. Sivasankar, Major Professor), 2019-present
Ann Alvar, SLHS (Committee Member; J. Huber, Major Professor), 2019-2020
Eloise Smith, University of Canterbury, New Zealand (Committee Member; M.L. Huckabee, Major Professor), 2019-present
Anumitha Venkatraman, SLHS (Committee Member; P.M. Sivasankar, Major Professor), 2018-present
Robert Fujiki, SLHS (Committee Member; P.M. Sivasankar, Major Professor), 2015-present

Past Doctoral Students

Cagla Kantarcigil, SLHS (Major Professor), 2014-2019
Avinash Mishra, Teachers College, Columbia University (Major co-mentor with M. Troche), 2012-2016
Akila Rajappa, Teachers College, Columbia University (Committee Member; M. Troche, Major Professor), 2013-2017
Claudio Ferre, Teachers College, Columbia University (Committee Member; A. Gordon, Major Professor), 2013-2016
Kara Nizolek, Teachers College, Columbia University (Committee Member; J. Saxman, Major Professor), 2012-2014

Current Masters Students (Non-Thesis Option)

n=4

Current Masters Students (Thesis Option)

Jennine Bryan, SLHS (Major Professor), 2020-present
Samantha Mitchell, SLHS (Major Professor), 2019-present
Meredith Mackowicz, SLHS (Committee Member; J. Huber, Major Professor), 2019-present

Past Masters Students (Thesis Option)

Naomi Dreyer, SLHS (Major Professor), 2015-2017
Anumitha Venkatraman, SLHS (Committee Member; P.M. Sivasankar, Major Professor), 2016-2017

Malandraki Vitae, January 2021

Past Masters Students (Non-Thesis Option)

n=14

Past Undergraduate Research Advisees enrolled in the Honors College

Abby Oliver, 2015-2017

Directed Studies Supervised

SLHS 69000: Swallowing Research	2014, 2015, 2016, 2017, 2018, 2019, 2020	n = 1, 1, 2, 2, 3, 3, 4
SLHS 69800: Research MS Thesis	2015, 2016, 2017, 2020	n = 1, 1, 1, 2
SLHS 49800: Undergraduate Res.Experience	2015, 2016, 2017, 2018, 2019, 2020	n = 4, 4, 5, 4, 2, 2
SLHS 49000: Undergraduate Thesis	2017	n = 1

AWARDS/GRANTS RECEIVED BY STUDENT MENTEES UNDER MY ADVISEMENT

Carolina Smith	2020 Indiana Lions McKinney Club Research Award
Caroline Sarbrieski	2020-2021 Purdue Office of Undergraduate Research (OUR) Scholarship
Mackenzie Zorn	2020-2021 Purdue Office of Undergraduate Research (OUR) Scholarship
Jennine Bryan	Top Abstract in “Innovative design, technology, and entrepreneurship” at the 2020 Purdue Virtual Undergraduate Research Conference
Rachel Arkenberg	2019 Indiana Lions McKinney Club Research Award
Carolina Smith	2019-2021 Purdue Doctoral Fellowship
Rachel Arkenberg	2018-2020 Frederick N. Andrews Doctoral Fellowship
Jennine Bryan	2019 Purdue Office of Undergraduate Research (OUR) Scholarship
Anum Venkatraman	2018 SLHS Department Award for second year doctoral project
Jasmine Anguiano	2018 NSSLHA Rising Leader Award
Samantha Mitchell	2018 Purdue Office of Undergraduate Research (OUR) Scholarship
Jasmine Anguiano	2018 Purdue Office of Undergraduate Research (OUR) Scholarship
Robert Fujiki	2018 Springer Publishing Travel Scholarship, Dysphagia Research Society Meeting
Robert Fujiki	2017 First Place Student Poster Award, Purdue Crossroads Conference
Kara Simon	2017-2019 Frederick N. Andrews Doctoral Fellowship
Cagla Kantarcigil	2017 Council of Academic Programs in Communication Sciences and Disorders (CAPCSD) Ph.D. Scholarship
Avinash Mishra	2017 First Place New Investigator Award, Dysphagia Research Society
Abby Oliver	2016 Purdue Honors College Scholarly & Creative Project Grant
Cagla Kantarcigil	2016 American Speech-Language-Hearing Foundation New Century Scholars Doctoral Scholarship
Cagla Kantarcigil	2016 Purdue Graduate Student Government Research Grant
Avinash Mishra	2016 American Academy for Cerebral Palsy and Developmental Medicine Student/Trainee Scholarship
Naomi Dreyer	2015 Indiana Lions McKinney Club Research Award
Lucia F. Mourao	2015 American Academy for Cerebral Palsy and Developmental Medicine Student/Trainee Scholarship
Cagla Kantarcigil	2015 Ringel Student Research Award, Department of Speech, Language, and Hearing Sciences, Purdue University
Cagla Kantarcigil	2014 Indiana Lions McKinney Club Research Award
Akila Rajappa	2014 Dean’s Grant for Student Research, Teachers College, Columbia University

Avinash Mishra	2014 New York State Speech-Language-Hearing Association Doctoral Scholarship Award
Avinash Mishra	2013 Dean's Grant for Student Research, Teachers College, Columbia University
Luke Soletic	2013 Summer Research Fellowship/Assistantship, College of Dental Medicine, Columbia University

INTERDISCIPLINARY ACTIVITY

2019-present	Faculty Member, Purdue Mi-Bio (M aterials I nnovation for B ioelectronics from I ntrinsically-stretchable O rganics (Mi-Bio) Team
2019-present	Faculty Associate, Center for Aging and the Life Course (CALC)
2019-present	Leadership Team Member, Purdue Center for Research on Brain, Behavior, and NeuroRehabilitation (CEREBBRAL)
2017-present	Interprofessional Education Purdue Retiree Wellness Screenings (offered 3 times per semester in collaboration with Purdue School of Nursing and the IU School of Medicine)
2016-present	Faculty Member, Purdue Center for Research on Brain, Behavior, and NeuroRehabilitation (CEREBBRAL)
2016-present	Faculty Member, Purdue Institute for Integrative Neuroscience
2016-present	Founder, <u>Purdue Dysphagia Study Group</u> , i.e., an interdisciplinary group of scientists, clinicians, and graduate students that meets quarterly to discuss new findings in dysphagia research and practice. Participation: 15-20 attendants
2014	Member, MRI Journal Club, Indiana University-Purdue University Indianapolis

OTHER EVIDENCE OF NATIONAL AND INTERNATIONAL RECOGNITION

Grant Reviewer

2018 – 2022	VA Merit Grants Review, RRD3 – Sensory Systems/Communication Disorders review panel member
2019	American Speech-Language-Hearing Foundation (ASHFoundation) New Investigators Research Grant reviewer
2018	American Speech-Language-Hearing Foundation (ASHFoundation) Researcher-Practitioner Collaboration Grant reviewer
2017	NIH, National Cancer Institute, NCI Clinical and Translational R21 and Omnibus R03: Special Emphasis Panel-6; ad hoc reviewer
2016 – 2018	VA Merit Grants Review, RRD3 – Sensory Systems/Communication Disorders review panel; ad hoc reviewer

Journal Reviewer

2020 – present	EBP Briefs
2019	Topics in Stroke Rehabilitation
2019 – present	Frontiers in Neuroscience
2018	PLoS One
2018	Journal of Applied Research in Intellectual Disabilities
2018	Journal of Pediatrics
2016	European Journal of Neurology
2016	Head and Neck
2015	NeuroImage Clinical
2015	Journal of Communication Disorders
2014 – present	NeuroImage
2014 – present	American Journal of Speech-Language Pathology

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2014 – present	Journal of Telemedicine and Telecare
2014	Neurobiology of Aging
2013 – present	Experimental Brain Research
2012 – present	Journal of Speech Language and Hearing Research
2012 – present	Archives of Physical Medicine and Rehabilitation
2011 – present	Human Brain Mapping
2011	Annals of Biomedical Engineering
2011	Brain Imaging and Behavior
2010	Biomed Central Research Notes
2010	Biomed Central Neurology
2009 – present	Dysphagia
2009	Stroke

Referee for International and National Grants/Fellowships

2019	Referee for James Cook Research Fellowships, Royal Society Te Apārangi, New Zealand
2019	Referee for John Charles Polanyi Prizes, Council of Ontario Universities, Canada
2019	Referee for Early Research Awards, Government of Ontario, Canada

Reviewer for Society Meetings

2020	Reviewer for Travel Grant Awards, Dysphagia Research Society
2019-2020	Reviewer for Justine J. Sheppard Award, Dysphagia Research Society Meeting
2016	Abstract Reviewer, American Academy for Cerebral Palsy and Developmental Medicine Meeting
2012-‘14; ‘18; ‘20	Abstract Reviewer, Dysphagia Research Society Meeting
2012-2013, 2017	New Investigator Abstract Reviewer & Judge, Dysphagia Research Society
2011	Poster Reviewer & Judge, State-of-the-Art Interdisciplinary Review Course on Pulmonary Diseases, Critical Care, Emergency Medicine & Nursing Care

Reviewer for National Scholarships

2018-2019	Reviewer for the 2018 and 2019 Council of Academic Programs in Communication Sciences and Disorders (CAPCSD) Ph.D. Scholarships
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Member, Editorial Board

2019-present	Journal of Speech Language and Hearing Research (JSLHR)
2014-present	Perspectives on Swallowing & Swallowing Disorders, SIG 13, ASHA

Associate Editor (Guest)

2018-2020	American Journal of Speech Language Pathology
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Editor

2021-2023	American Journal of Speech Language Pathology
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Dysphagia Specific Clinical Workshops/Instructional Courses to Professionals/Clinicians

Malandraki, G.A. (2020). Dysphagia tele-management during COVID-19: Contemporary evidence & standards to guide clinical practice. 2020 American Board of Swallowing & Swallowing Disorders Meet the Masters Event, 2-hour online webinar.

Malandraki, G.A. (2018). Exercise Physiology for Swallowing Function: Muscle Performance and the Recline Exercise. Indiana Voice and Dysphagia Network, Indianapolis, IN.

- Malandraki, G.A.**, & Kelchner, L. (2018). Telehealth and In-home Monitoring – Technology, Delivery Methods and Patient Specific Data Recording. Charleston Swallowing Conference at Northwestern University, Chicago, IL.
- Malandraki, G.A.** (2017). The Intensive Dysphagia Rehabilitation (IDRA) approach: An overview. Florida Dysphagia Institute, Orlando, FL.
- Malandraki, G.A.**, Bauer Malandraki, J., & Sheppard, J. (2015). Feeding and swallowing in cerebral palsy: evidence-based practice and beyond (peer-reviewed). 69th Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, Austin, TX.
- Malandraki, G.A.** (2015). Swallowing disorders in cerebral palsy: Treatment implications from recent research. Invited workshop, 3rd International Communications Disorders Audiology & Neuro-Otology Conference of Saudi Arabia, Riyadh, kingdom of Saudi Arabia.
- Malandraki, G.A.** (2014). National guidelines for the management of dysphagia in Greece. Invited workshop, Hellenic Association of Speech Pathology Scientists, Athens, Greece.
- Malandraki, G.A.** (2013). An introduction to oropharyngeal dysphagia. Invited workshop, Hellenic Association of Speech Pathology Scientists, Athens, Greece.
- Hind, J., Robbins, J., **Malandraki, G.A.**, Vickers, Z., & Hartel, R. (2012). Sensorimotor integration: Nexus between dietary modification & exercise. Invited short course, Annual Convention, American Speech-Hearing-Language Association, Philadelphia, PA.
- Robbins, J., Sattin, J., Hind, J., & **Malandraki, G.A.** (2010). Stroke, swallowing and recovery 2010: From rehabilitation to rewiring. Invited short course, Annual Convention, American Speech-Hearing-Language Association, Philadelphia, PA.
- Malandraki, G.A.** (2010). Swallowing Treatment in Cognitive Decline. Part of Continuing Education Activity entitled: Acute to long term dysphagia care: Update 2010. Voice and Swallow Clinic, Department of Surgery, University of Wisconsin, Madison, WI.
- Robbins, J., Hind, J., **Malandraki, G.A.**, & Joyce, A. (2010). Evidence-based strategies for safe eating in Alzheimer’s disease. Peer-reviewed 2-hour workshop, 24th Annual State Conference on Alzheimer’s Disease and Related Disorders, Wisconsin Dells, WI.

Invited Live Webinars/Events for Clinical Audiences

- 2020 Featured speaker at Facebook Live Event organized by American Board of Swallowing & Swallowing disorders on April 24th 2020 on: [Telehealth for dysphagia care during COVID-19](#).
- 2020 One of 3 featured speakers at Live Zoom panel organized by the American Speech-Language-Hearing Association (ASHA) on May 4th 2020 on: [Telepractice and dysphagia](#).

ENGAGEMENT AND OTHER PROFESSIONAL ACTIVITIES

ENTERPRENEURSHIP ACTIVITIES

2018-present Founder and Acting CEO (Chief Executive Officer) for Curasis, LLC

UNIVERSITY AND COLLEGE SERVICE

Purdue University

University wide

- 2019 Member, Center for Aging and Life Course Steering Committee
- 2019 Member, Center for Aging and Life Course Sub-committee; focus: Age-Friendly University Movement
- 2019-present Faculty Member, Purdue Mi-Bio (**M**aterials **I**nnovation for **B**ioelectronics from **I**ntrinsically-stretchable **O**rganics (Mi-Bio) Team
- 2019-present Leadership Team Member, Purdue Center for Research on Brain, Behavior, and NeuroRehabilitation (CEREBBRAL)

College of Health and Human Sciences

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2019 Member, Strategic Planning Working Group: Create Online Programs
 2019 Member, Search Committee for HHS Associate Dean for Graduate and Online Education
 2018 Member, HHS Undergraduate Curriculum Committee

Department of Speech, Language, and Hearing Sciences

2020 Organizer (and speaker), SLHS Telehealth Webinar Series
 2018-present Chair, MS-SLP Curriculum Committee
 2017-present Member, Graduate Committee and Ph.D. Admissions Committee
 2018 Chair, Undergraduate Curriculum Committee
 2017-2018 Member, Director of Clinical Education Search Committee
 2015-present Member, Advisory to the Head Committee
 2016 Member, Head Review Committee
 2015 Member, Faculty Search Committee, Hearing Science
 2014-2015 Member, Undergraduate Curriculum Committee

Weldon School of Biomedical Engineering

2019-2020 Member, Graduate Admissions Committee

Teachers College, Columbia University

➤ College Campus Safety Advisory Committee, Member 2013-2014
 ➤ Program Admissions Committee, Member 2012-2014
 ➤ Faculty Search Committee, Member 2012-2014
 ➤ Doctoral Program Committee, Member 2012-2014
 ➤ Dysphagia Research Clinic (Founder and Director) 2012-2014
 ➤ College Interdisciplinary Studies in Education Committee (member) 2011-2014

University of Wisconsin

➤ Journal Series Coordinator 2008-2010

OFFICES HELD IN INTERNATIONAL SCIENTIFIC SOCIETIES

2020-present Secretary/Treasurer, Dysphagia Research Society
 2016-2018 Councilor (Board Member), Dysphagia Research Society

SERVICE TO PROFESSIONAL ORGANIZATIONS

2020-present Co-Chair, Indiana Speech Language Hearing Association (ISHA) Telehealth Task Force. Main tasks: a) FAQ web content for ISHA, b) provide continued support to members, and b) drafted telehealth legislature statute.
 2020-present Member, Dysphagia Research Society COVID-19 Task Force
 2020-present Chair, Finance Committee, Dysphagia Research Society
 2020-present Strategic Planning Committee, Dysphagia Research Society
 2020-present Member, International Myositis Assessment & Clinical Studies Group (IMACS)
 2019 Strategic Planning Meeting Core Team, Dysphagia Research Society
 2019-2020 Scholarships and Awards Committee, Dysphagia Research Society
 2018-2020 Strategic Planning Committee, Dysphagia Research Society
 2018 Charleston Swallowing Conference at Northwestern University Meeting Faculty
 2017 Florida Dysphagia Institute Core Faculty
 2017 Dysphagia Research Society Meeting Faculty
 2016 Scientific Program Committee, American Academy for Cerebral Palsy and Developmental Medicine Meeting
 2015 Scientific Program Committee, Dysphagia Research Society Meeting

2014-present Mentor, American Board for Swallowing and Swallowing Disorders
 2014-2016 Multidisciplinary Scientific Advancement Ad Hoc Committee, Dysphagia Research Society
 2012-2014; 2018 Scientific Program Committee, Dysphagia Research Society Meeting
 2012, 2014, 2015 Post-Graduate Course Faculty, Dysphagia Research Society Meeting
 2010 Planning, PR & Proceedings Committees, NIDCD/VA Conference: Integrative Neural Systems Underlying Vital Aerodigestive Tract Functions

SERVICE TO COMMUNITY

Educational Activities

Malandraki, G.A. (2020). Swallowing and Swallowing Disorders in Parkinson’s disease: What is new & how we can help. Educational online webinar for the Parkinson Awareness Association of Central Indiana.

Role: Presenter; Attendance: ~30 patients and caregivers

Smith, C. & **Malandraki, G.A.** (2019). Eating & Swallowing in Parkinson’s Disease. Educational seminar at Steady Rock PD Support Group, Indianapolis, IN.

Role: Presenter; Attendance: ~20 patients and caregivers

Sheppard, J.J. (2017). Dysphagia Disorder Survey Training Course. West Lafayette, IN.

Role: Coordinator/Organizer; Attendance: 10 clinicians

Malandraki, G.A., Bauer Malandraki, J., & Wetzal, D. (2015). Swallowing disorders and safe swallowing. Invited lecture at The Springs of Lafayette, Lafayette, IN.

Role: Presenter; Attendance: 15 patients and caregivers

Huber, J.H., & **Malandraki, G.A.** (2015, 2017, 2019). Eat it and preach it: Swallowing and speech in Parkinson’s disease. Educational seminar at Steady Rock PD Support Group, Indianapolis, IN.

Role: Presenter; Attendance: ~50 patients and caregivers each year

Malandraki, G.A., & Wetzal, D. (2014). Eating & Swallowing in Parkinson’s Disease. Educational lecture at the Greater Lafayette PD support group, West Lafayette, IN.

Role: Presenter; Attendance: ~30 patients and caregivers

Malandraki, G.A. (2013). Panel on systems support for individuals with disabilities: Swallowing Disorders: Who, when, and why? Office of Diversity and Community Affairs, Teachers College, Columbia University, New York, NY.

Role: Presenter; Attendance: ~40 clinicians, students, and teachers

Clinical Outreach

2015 Organized dysphagia outreach “Pals of Cerebral Palsy” at LYLE with ~ 200 participants, West Lafayette, Indiana

2014 Organized dysphagia outreach at Teachers College, Columbia University with ~200 participants, New York, NY

2013 Organized dysphagia awareness day at Teachers College, Columbia University with ~300 participants, New York, NY

2011 – present Voluntary consultation to patients in largest Greek public hospital (Evangelismos Hospital) during visits to Greece and via telehealth

Podcasts and Interviews

2020 Featured speaker at the American Speech-Language-Hearing Association (ASHA) Voices podcast on the topic of telehealth for dysphagia management during COVID-19. Available at: [ASHA Voices ASHA Leader](#)

2020 Featured speaker at Speech Uncensored podcast on telehealth and dysphagia. Available at: <https://www.speechtherapypd.com/teletherapy>

2020 Featured speaker at the American Speech-Language-Hearing Association (ASHA) Voices podcast on the topic of wearable technology and dysphagia. Available at:

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<https://blog.asha.org/2020/01/30/asha-voices-new-insights-on-strengthening-feeding-and-swallowing-services/>

- 2019 Featured speaker at Swallow Your Pride podcast: “Neurophysiology of Swallowing: Parts 1 and 2”. Available at: [Part 1](#) and [Part 2](#).

Media Coverage/Featured Work (selected)

- “Not just a reflex: Swallowing is complicated, but this researcher is making it easier” (2020). Purdue press release story on our research. Available at: <https://www.purdue.edu/newsroom/releases/2020/Q3/not-just-a-reflex-swallowing-is-complicated,-but-this-researcher-is-making-it-easier.html>
- “Purdue classes make strong switch to online during COVID-19” (2020). Purdue press release story on the novel and successful adaptations Dr. Malandraki made for her graduate Dysphagia course once the pandemic hit. Available at: <https://www.purdue.edu/newsroom/releases/2020/Q2/purdue-classes-make-strong-switch-to-online-during-covid-19.html>
- “Purdue lab creates free resources for providing telehealth services” (2020). Purdue press release story on the telehealth resources Dr. Malandraki created for clinicians as soon as the pandemic hit. Available at: <https://www.purdue.edu/newsroom/releases/2020/Q2/purdue-lab-creates-free-resources-for-providing-telehealth-services.html>
- “Purdue Researchers Develop Wearable Swallowing Device” (2020). Interview and article on the Inside Business Indiana website. Available at: <https://www.insideindianabusiness.com/story/41631297/pu-researchers-develop-wearable-swallowing-device>
- “Millions with swallowing problems could be helped through new wearable device” (2019). Press release on Science Advances manuscript and our first wearable sensors work. Available at: <https://www.purdue.edu/newsroom/releases/2019/Q4/millions-with-swallowing-problems-could-be-helped-through-new-wearable-device.html>
 - *Press release shared by more than 30 websites and blogs and >90 tweets, including:*
 - *Science Daily, Big News Network, SciTechDaily*
- “Spotlight on Georgia Malandraki”. Purdue Discovery Park Spotlight on our work in wearable technology for the rehabilitation of dysphagia. Available at: <https://www.purdue.edu/discoverypark/news/index.php?view=3441>
- “Enjoying the joys of life: CEREBRAL researchers work to help seniors live their best lives” (2018): Article in the Purdue College of Health and Human Sciences Life 360 magazine. Available at: <https://www.purdue.edu/hhs/life360/2018-fall/sustaining-the-simple-joys-of-life.html>
- “SPIT and I-EaT Labs Study Taste Perception and Dysphagia”. Media coverage by the Purdue Exponent on collaborative study with nutrition science lab (2018). Available at: https://www.purdueexponent.org/campus/article_20aadafa-a95d-11e8-8a0b-2b0c128c17cc.html
- Retrospective Clinical Studies Using Existing Data to Inform Current Research (WEB2800): Online ASHA CEU course highlighting the article: “Postextubation Dysphagia in Critical Patients: A First Report from the Largest Step- Down Intensive Care Unit in Greece, by **Malandraki**, Markaki, Georgopoulos, Psychogios, & Nanas. Available at: <https://shar.es/1RHdZh>
- Kantarcigil, C. & **Malandraki, G.A.** (2016). The Rise of Telehealth in the United States: The present and the future of dysphagia telerehabilitation. Invited article on Dysphagia Cafe website. Available at: <http://dysphagiacafe.com/2016/08/24/rise-telehealth-united-states-present-future-dysphagia-telerehabilitation/>
- Purdue I-EaT Swallowing Research Lab Engagement Event Announcement. Pals of Cerebral Palsy. Media coverage by the Purdue Health Sciences media: Available at: <http://www.purdue.edu/newsroom/releases/2015/Q2/open-house-event-to-focus-on-swallowing-disorders,-cerebral-palsy.html>.

- **Malandraki, G.A.** (2014). International Faculty Spotlight in the ASHA Asian Indian Caucus (ASHA Kiran) Newsletter. Available at: <https://drive.google.com/a/tc.columbia.edu/file/d/0B-5WABFGFFXYNlp0N2tDSmEyaWs/view>
- **Malandraki, G.A.** (2014). What fMRI can tell us about Swallowing? Invited article on Dysphagia Cafe website. Available at: <http://dysphagiacafe.com/2014/04/10/1454/>
- Swallowing Clinic at Teachers College, Columbia University (2013). National Fox News – Health Section led by Dr. Manny Alvarez. This media piece was aired on May 16th 2013. Available at: <http://www.foxnews.com/health/2013/05/16/new-technique-helps-stroke-patients-swallow-again/>
- **Malandraki GA, McCullough G, Perlman A** (2012, April 24). Dysphagia Assessment at a Distance. The ASHA Leader. Available at: <http://www.asha.org/Publications/leader/2012/120424/Dysphagia-Assessment-at-a-Distance.htm>