

## I. PERSONAL HISTORY AND PROFESSIONAL EXPERIENCE

- A. Educational Background. *Beginning with the baccalaureate degree, provide the name of the institution; degree, field of study; date of degree.*

Mediterranea University, Reggio Calabria, Italy, B. S. in Telecommunications Engineering, 2005

Polytechnic University of Turin, Turin, Italy, M. S. in Telecommunications Engineering, 2007

Conservatory of Music F. Cilea, Reggio Calabria, Italy, B. A. in Vocal Performance, 2008

Polytechnic University of Turin, Department of Energy, Turin, Italy, Ph.D. in Acoustical Metrology, 2011

- B. List of Academic Positions since Final Degree. *For each position held, list inclusive dates, title, and location for each - University of Illinois and elsewhere.*

2009 Visiting scholar, Technical University of Denmark (DTU),  
Department of Electrical Engineering, Lyngby, Denmark

2011 Research Associate, Polytechnic University of Turin, Turin, Italy

2008 – 2014 Lecturer Polytechnic University of Turin, Turin, Italy

2013 – 2014 Research Associate, Polytechnic University of Turin, Turin, Italy

2014 – 2017 Research Associate, Michigan State University, East Lansing, MI

2017-Present Assistant Professor, University of Illinois Urbana-Champaign

- C. Other Professional Employment. *Previous and current.*

2005 – 2014 Musician, Symphonic Choir Ruggero Maghini, Turin, Italy

2012 – 2021 Consultant in Environmental and Building Acoustics, Studio  
Progetto Ambiente Srl, Turin, Italy

2014 – 2021 Founding partner, PR.O.VOICE S.R.L.

- D. Honors, Recognitions, and Outstanding Achievements. *Fellowships, prizes, etc., that indicate national and international stature in scholarship and engagement appropriate to the rank sought.*

2008 – 2010 Doctorate Scholarship from Italian Ministry of Education

2009 Barducci Award at Congress "Associazione Italiana Acustica '09"  
for the paper: *Influence of noise and reverberation on speech  
intelligibility for children between 7 and 11 years in classrooms.*

2010 Best Poster Award at Congress Associazione Italiana Acustica 10  
for the poster: *Measurements of vocal doses in virtual classrooms*

2012-Present Environmental Acoustics Technician: Italian national license for  
engineers in environmental acoustics

2015 Michiko So Finegold Award at InterNoise 2015 for the paper:  
*Vocal effort and the effect of room acoustics in noisy environments*

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| 2018 | Lessons for Success, American Speech-Language-Hearing Association (ASHA), Intensive training to a promising selected group of early career scientists in the areas of (a) grant preparation and funding opportunities, (b) development and management of a successful program of research, and (c) advancement of professional competencies. |
| 2018 | Reading, Writing, and Language Development Grant Writing Webinars for 10 selected New and Early Stage Investigators, Institute of Education Sciences, The objective of the webinar series was to provide more in-depth support for selected new and early stage investigators to prepare successful grant applications related to literacy.  |
| 2018 | Acoustical Society of America Early Career Travel Award at 176th Meeting of the ASA and 2018 Acoustics Week Canada for the paper: <i>Lombard effect in restaurant setting: How much would you spend to eat at this restaurant?</i>   |

E. Invited Lectures and Invited Conference Presentations since Last Promotion. *For candidates for promotion to Professor, a full (career) list of events may be provided or, in the interest of brevity, a list of only those events since the last promotion may be provided.*

*Invited lectures*

1. **Bottalico, P.** (2016). Silence and voicing accumulations of teachers with and without voice disorders in classrooms with different reverberation time, I Congreso Internacional en Voz y Trabajo, Bogotá, Colombia, September 2016
2. **Bottalico, P.,** Cantor Cutiva, L.C., Hunter, E.J. (2018). A model for the vocal fatigue from acoustic vocal parameters, 11th International Conference on Voice Physiology and Biomechanics, East Lansing, Michigan, USA, August 1-3, 2018
3. **Bottalico, P.** (2018). Vocal load, effort and fatigue, Lund University, Lund, Sweden.
4. **Bottalico, P.** (2018). Speech communication, Universidad Manuela Beltran, Bogota, Colombia.
5. **Bottalico, P.** (2018). Voice conservation among teachers, Avogadro, Biella, Italy.
6. **Bottalico, P.** (2018). Hearing conservation among musicians, Universidad Nacional de Colombia, Bogota, Colombia.
7. **Bottalico, P.** (2018). Creating quieter communities, University of Victoria, Victoria, Canada.
8. **Bottalico, P.** (2018). Lombard effect in restaurants, Politecnico di Torino, Torino, Italy.
9. **Bottalico, P.** (2019). Acoustic environment: speech intelligibility and vocal load in primary classrooms, X Congresso Internacional de Fonoaudiologia, Belo Horizonte, MG, Brazil, 9- 12 October 2019

10. **Bottalico, P.** (2019). Research lines in the voice field, X Congresso Internacional de Fonoaudiologia, Belo Horizonte, MG, Brazil, 9-12 October 2019
11. **Bottalico, P.** (2019). Lombard effect in restaurants, Universidad Manuela Beltran, Bogota, Colombia.
12. **Bottalico, P.** (2019). Lombard effect in restaurants, Università degli studi di Torino, Torino, Italy.
13. **Bottalico, P.** (2019). Vocal effort and fatigue among occupational voice users, University of South Florida, Tampa, Florida, US.
14. **Bottalico, P.** (2020). Voice research: Trends and challenges, Università degli Studi di Torino, Torino, Italy.
15. **Bottalico, P.** (2020). Voice research: Trends and challenges, Universidad Manuela Beltran, Bogota, Colombia.
16. **Bottalico, P.** (2020). Alumni dal Mondo, Politecnico di Torino, Torino, Italy.
17. **Bottalico, P.** (2020). The acoustics of restaurants, Ordine degli Ingegneri del Veneto (Engineering Society of Veneto, Italy), Webinar.
18. **Bottalico, P.** (2020). New research lines on voice, Universidad Manuela Beltran, Bogota, Colombia.
19. **Bottalico, P.** (2020). The acoustics of restaurants, Acoustical Society of Italy, Webinar.
20. **Bottalico, P.** (2021). Listening under competitive acoustic conditions, Guest speaker at XXXVIII Congress SIAF, Turin, Nov 10-13, 2021

*Other*

1. **Bottalico, P.** (2016). Vocal load, effort and fatigue, Michigan State University, East Lansing, MI, US.
2. **Bottalico, P.** (2018). Hearing conservation among musicians, School of Music, University of Illinois Urbana-Champaign, US.
3. **Bottalico, P.** (2018). Lombard effect in restaurants, Studio Progetto Ambiente, Torino, Italy.
4. **Bottalico, P.** (2022). Complex sounds, Department of Speech and Hearing Science, University of Illinois Urbana-Champaign, US.

F. Offices Held in Professional Societies.

None

G. Editorships of Journals or Other Learned Publications.

2019-present	Editorial Board Member, Journal of Voice
2021-present	Editorial Board Member, American Journal of Audiology

H. Grants Received since Last Promotion at Illinois. *List principal investigator first, co-principal investigators, granting agency, dates of grant, and dollar amount of grant. For grants with multiple investigators, list amount of effort and award for the candidate, as well as the candidate's role. For candidates for promotion to professor,*

*a full (career) list of grants may be provided or, in the interest of brevity, a list of only those grants received since the last promotion may be provided.*

Bottalico P. (PI), Behrens and Associates, Inc., *Effect of environmental noise on birds*, 10/2015-12/2015, \$5,100.

Hunter E., (PI) Trifecta Initiative, Michigan State University, *Improving speech intelligibility by controlling background noise in the classroom* 10/2015-09/2016, \$8,500, effort 30%, award for the candidate \$2,000, role of the candidate co-I.

Redman Y., Bottalico P. (Co-PI) College of Fine and Applied Arts, Strategic Research Initiative Program, *Work-related communicative profile of instructors of voice*, 03/2018-02/2019, \$30,000, effort 50%, award for the candidate \$15,000, role of the candidate co-PI.

Bottalico P. (PI), ASHFoundation, New Century Scholars Research Grant, *Classroom acoustics for enhancing students' understanding when a teacher suffers from voice problems*. 01/2020-12/2022, \$25,000

Bottalico P. (PI), Campus Research Board- UIUC, *Classroom acoustics for enhancing students' understanding when a teacher suffers from a hoarse voice in bilingual schools*. 11/2019-06/2022, \$30,000 |

I. Review Panels. *For governmental agencies, educational institutions, or other organizations.*

2021	Natural Sciences and Engineering Research Council of Canada, Discovery Grants Program
2020, 2021	AHSFoundation, Graduate Student Scholarship

**II. PUBLICATIONS AND CREATIVE WORKS (SINCE LAST PROMOTION AT ILLINOIS)**

- # Denotes any publication derived from the candidate's thesis.
- \* Denotes publication that has undergone stringent editorial review by peers.
- + Denotes publication that was invited and carries special prestige and recognition.

[Underline authors are students or other mentees/trainees.]

A. Doctoral Thesis Title

#**Bottalico, P.** (2011). Acoustical safety in classrooms. Unpublished doctoral dissertation, Politecnico di Torino, Italy |

B. Books Authored or Co-Authored (*in print or accepted*)

[None |]

C. Books Edited or Co-Edited (*in print or accepted*)

[None |]

D. Chapters in Books (in print or accepted)

Astolfi, A., Bottalico, P., (2008). Valutazione dell'intelligibilità del parlato in aule di scuola elementare (Evaluation of speech intelligibility in primary school classrooms), In G. Brambilla; P. Nataletti; A. Peretti, *Acustica e ambienti scolastici: La fatica di imparare e insegnare nella scuola che cambia* (pp. 37-61), Associazione Italiana di Acustica, ISPEL (ITA), ISBN: 9788888942254

E. Monographs (in print or accepted). Items longer than an article, but shorter than a book. Provide inclusive page numbers for monographs.

None

F. Articles in Journals (in print or accepted). Provide inclusive page numbers for publications in journals.

1. #+Astolfi, A., **Bottalico, P.** & Bronuzzi, F. (2009). Intelligibilità del parlato per bambini di scuola elementare in diverse condizioni acustiche (Speech intelligibility for primary schools pupils in different acoustic conditions). *Rivista italiana di acustica*, 33(4), 35-44.
2. #+Astolfi, A., **Bottalico, P.**, Bronuzzi, F., Accornero, A., Garzaro, M., Pecorari, G., Nadalin, J. & Giordano, C. (2010). Vocal dosimetry on primary school teachers. *Rivista italiana di acustica*, 36(4), 43-50.
3. #Nadalin J., Astolfi, A., **Bottalico, P.**, Riva, G., Garzaro, M., Raimondo, L., & Giordano, C. (2011). Effetto del rumore e della riverberazione sullo sforzo vocale degli insegnanti di scuola primaria (Effect of noise and reverberation on vocal effort in primary school teachers). *Giornale italiano di medicina del lavoro ed ergonomia, PI-ME Editrice*, 122-125.
4. \*+La Malva, F., Astolfi, A., **Bottalico, P.**, Lo Verso, V. R., & Bronuzzi, F. (2011). Livingscape approach to improve urban historical places. *Journal of Temporal Design in architecture and the environment*, 11, 20-24.
5. \*+La Malva, F., Astolfi, A., **Bottalico, P.**, Lo Verso, V. R., & Bronuzzi, F. (2011). Livingscape multi-sensory experience in urban historical places: subjective assessment from the local people and quality of the urban environment. *Journal of Temporal Design in architecture and the environment*, 11, 25-29.
6. \*#**Bottalico, P.**, & Astolfi, A. (2012). Investigations into vocal doses and parameters pertaining to primary school teachers in classrooms. *The Journal of the Acoustical Society of America*, 131(4), 2817-2827.
7. \*#Astolfi, A., **Bottalico, P.**, & Barbato, G. (2012). Subjective and objective speech intelligibility investigations in primary school classrooms. *The Journal of the Acoustical Society of America*, 131(1), 247-257.
8. \*#Genta, G., Astolfi, A., **Bottalico, P.**, Barbato, G., & Levi, R. (2013). Management of truncated data in speech transmission evaluation for pupils in classrooms. *Measurement Science Review*, 13(2), 75-82.

9. #+**Bottalico, P.**, Astolfi, A. & Bronuzzi, F. (2014). Dosimetria vocale su maestri di scuola elementare durante la giornata lavorativa (Vocal dosimetry on primary schoolteachers during the working day), *ISL Igiene & Sicurezza del Lavoro*, 1, 15-19.
10. #+Astolfi, A., **Bottalico, P.** & Bronuzzi, F. (2014). Indagini oggettive e soggettive sull'influenza del rumore e della riverberazione sullo sforzo vocale di insegnanti di scuola primaria (Objective and subjective investigations about the influence of noise and reverberation on vocal effort in primary school teachers), *ISL Igiene & Sicurezza del Lavoro*, 1, 19-23.
11. \***Bottalico, P.**, Graetzer, S., & Hunter, E. J. (2015). Effects of voice style, noise level, and acoustic feedback on objective and subjective voice evaluations. *The Journal of the Acoustical Society of America*, 138(6), EL498-EL503.
12. \*+Hunter, E. J., **Bottalico, P.**, Graetzer, S., Leishman, T. W., Berardi, M. L., Eyring, N. G., Jensen, Z.R., Rolins, M.K. & Whiting, J. K. (2015). Teachers and teaching: speech production accommodations due to changes in the acoustic environment. *Energy procedia*, 78, 3102-3107.
13. \***Bottalico, P.**, Graetzer, S., & Hunter, E. J. (2016). Effect of training and level of external auditory feedback on the singing voice: volume and quality. *Journal of Voice*, 30(4), 434-442.
14. \*+**Bottalico, P.**, Bertetti, C. A., & Falossi, M. (2016). Effects of noise generated by construction sites on wild birds. *Noise Control Engineering Journal*, 64(4), 544-554.
15. \***Bottalico, P.**, Graetzer, S., & Hunter, E. J. (2016). Effects of speech style, room acoustics, and vocal fatigue on vocal effort. *The Journal of the Acoustical Society of America*, 139(5), 2870-2879.
16. \***Bottalico, P.**, Graetzer, S., & Hunter, E. J. (2016). Effect of training and level of external auditory feedback on the singing voice: pitch accuracy. *Journal of Voice*, 31(1), 122.e9-122.e16.
17. \***Bottalico, P.** (2017). Speech adjustments for room acoustics and their effects on vocal effort. *Journal of Voice*, 31(3), 392.e13-392.e32.
18. \*#**Bottalico, P.**, Graetzer, S., Astolfi, A., & Hunter, E. J. (2017). Silence and voicing accumulations in Italian primary school teachers with and without voice disorders. *Journal of Voice*, 31(2), 260.e11- 260.e20.
19. \*#**Bottalico, P.**, Astolfi, A., & Hunter, E. J. (2017). Teachers' voicing and silence periods during continuous speech in classrooms with different reverberation times. *The Journal of the Acoustical Society of America*, 141(1), EL26-EL31.
20. \***Bottalico, P.**, Ipsaro Passione, I., Graetzer, S., & Hunter, E. J. (2017). Evaluation of the starting point of the Lombard effect. *Acta Acustica United With Acustica*, 103(1), 169-172.
21. \*Graetzer, S., **Bottalico, P.**, & Hunter, E. J. (2017). Speech produced in noise: Relationship between listening difficulty and acoustic and durational parameters. *The Journal of the Acoustical Society of America*, 142(2), 974-983.
22. \*Cantor-Cutiva, L. C., **Bottalico, P.**, Ishi, C. T., & Hunter, E. J. (2017). Vocal fry and vowel height in simulated room acoustics. *Folia Phoniatrica et Logopaedica*, 69(3), 118-124.

23. \*Banks, R. E., **Bottalico, P.**, & Hunter, E. J. (2017). The effect of classroom capacity on vocal fatigue as quantified by the vocal fatigue index. *Folia Phoniatrica et Logopaedica*, 69(3), 85-93.
24. \*Cantor-Cutiva, L. C., **Bottalico, P.**, & Hunter, E. (2018). Factors associated with vocal fry among college students. *Logopedics Phoniatrics Vocology*, 43(2), 73-79.
25. \***Bottalico, P.**, Ipsaro Passione, I., Astolfi, A., Carullo, A., & Hunter, E. J. (2018). Accuracy of the quantities measured by four vocal dosimeters and its uncertainty. *The Journal of the Acoustical Society of America*, 143(3), 1591-1602.
26. \*+**Bottalico, P.** (2018). Lombard effect, ambient noise, and willingness to spend time and money in a restaurant. *The Journal of the Acoustical Society of America*, 144(3), EL209-EL214.
27. \*Rakerd, B., Hunter, E. J., Berardi, M., & **Bottalico, P.** (2018). Assessing the acoustic characteristics of rooms: a tutorial with examples. *Perspectives of the ASHA special interest groups*, 3(19), 8-24.
28. \*Cantor-Cutiva, L. C., **Bottalico, P.**, & Hunter, E. (2019). Work-related communicative profile of radio broadcasters: a case study. *Logopedics Phoniatrics Vocology*, 44(4), 178-191.
29. \***Bottalico, P.**, Codino, J., Cantor-Cutiva, L. C., Marks, K., Nudelman, C. J., Skeffington, J., Shrivastav, R., Jackson-Menaldi, M.C., Hunter, E.J. & Rubin, A. D. (2020). Reproducibility of voice parameters: the effect of room acoustics and microphones. *Journal of Voice*, 34(3), 320-334.
30. \*+Hunter, E. J., Cantor-Cutiva, L. C., van Leer, E., Van Mersbergen, M., Nanjundeswaran, C. D., **Bottalico, P.**, Sandage M.J. & Whitling, S. (2020). Toward a consensus description of vocal effort, vocal load, vocal loading, and vocal fatigue. *Journal of Speech, Language, and Hearing Research*, 63(2), 509-532.
31. \*+**Bottalico, P.**, Murgia, S., Puglisi, G. E., Astolfi, A., & Kirk, K. I. (2020). Effect of masks on speech intelligibility in auralized classrooms. *The Journal of the Acoustical Society of America*, 148(5), 2878-2884.
32. \*Cantor-Cutiva, L. C., **Bottalico, P.**, Nudelman, C., Webster, J., & Hunter, E. J. (2021). Do voice acoustic parameters differ between bilingual English-Spanish speakers and monolingual English speakers during English productions? *Journal of Voice*, 35(2), 194-202.
33. \*Anand, S., **Bottalico, P.**, & Gray, C. (2021). Vocal fatigue in prospective vocal professionals. *Journal of Voice*, 35(2), 247-258.
34. \***Bottalico, P.**, Marunick, M. T., Nudelman, C., Webster, J., & Jackson-Menaldi, M. C. (2021). Singing voice quality: The effects of maxillary dental arch and singing style. *Journal of Voice*, 35(3), 501.e11-501.e18.
35. \*Rubin, A. D., Codino, J., Costeloe, A., Johns, M. M., Collum, A., & **Bottalico, P.** (2021). The effect of unilateral hearing protection on vocal intensity with varying degrees of background noise. *Journal of Voice*, 35(6), 886-891.

36. \*Anand, S., Gutierrez, D., & **Bottalico, P.** (2021). Acoustic-perceptual correlates of voice among steam train engineers: effects of noise and hearing protection. *Journal of Voice*. (Published online)
37. \*Rubin, A. D., Codino, J., **Bottalico, P.**, Parrish, S., & Jackson-Menaldi, C. (2021). Hyoid bone syndrome and dysphonia: can throat pain affect the voice? *The Laryngoscope*, 131(7), E2303-E2308.
38. \*Cantor-Cutiva, L. C., Jiménez-Chala, E. A., **Bottalico, P.**, & Hunter, E. J. (2021). Bilingualism and voice production. Differences between bilingual Latin-American Spanish-English female speakers and monolingual Spanish female speakers during Spanish productions. *Journal of Voice*. (Published online)
39. \*Nudelman, C., Webster, J., & **Bottalico, P.** (2021). The effects of reading speed on acoustic voice parameters and self-reported vocal fatigue in students. *Journal of Voice*. (Published online)
40. \*Cantor-Cutiva, L. C., **Bottalico, P.**, Webster, J., Nudelman, C., & Hunter, E. (2021). The effect of bilingualism on production and perception of vocal fry. *Journal of Voice*. (Published online)
41. \*+Sierra-Polanco, T., Cantor-Cutiva, L. C., Hunter, E. J., & **Bottalico, P.** (2021). Changes of voice production in artificial acoustic environments. *Frontiers in Built Environment*, 7, 71.
42. \***Bottalico, P.**, Murgia, S., Puglisi, G. E., Astolfi, A., & Ishikawa, K. (2021). Intelligibility of dysphonic speech in auralized classrooms. *The Journal of the Acoustical Society of America*, 150(4), 2912-2920.
43. \*Redman, Y., Vercelli, C., Cantor-Cutiva, L. C., & **Bottalico, P.** (2020). Work-related communicative profile of voice teachers: effects of classroom noise on voice and hearing abilities. *Journal of Voice*, 36(2), 291.e17-291.e31
44. \***Bottalico, P.**, Piper, R. N. & Legner, B. (2022). Lombard Effect, intelligibility, ambient noise, and willingness to spend time and money in a restaurant amongst older adults. *Scientific Reports*. (Accepted for publication)

G. Creative Works. Includes exhibitions, commissions, competitions, performances, designs, art, and architecture executed.

| None |

H. Patents

| **Bottalico, P.**, Astolfi, A., Bronuzzi, F. & Vannelli, G. (2014). Device and procedure of sound measurement and warning. Italian Patent No.0001408737, Ministero dello Sviluppo Economico, Ufficio Italiano Brevetti e Marchi. |

I. Bulletins, Reports, or Conference Proceedings (in print or accepted). Include only if these items are normally considered an important part of the publication record of a scholar or artist in this field. Provide inclusive page numbers for bulletins, reports or conference proceedings.



1. #+Astolfi, A., & **Bottalico, P.** (2009). Comparison between intelligibility scores before and after an acoustical treatment in primary school classrooms. *Proceedings of, EURONOISE 2009*, 1-9.
2. #+Astolfi, A., & **Bottalico, P.** (2009). Objective and subjective speech intelligibility assessments in primary school classrooms. *Proceedings of the 38th International Congress and Exposition on Noise Control Engineering 2009, INTERNOISE 2009*, 1857-1865.
3. #**Bottalico, P.** (2010). Vocal dosimetry on primary school teachers. *Proceedings of the 1st EuroRegio2010*, 1-4.
4. Astolfi, A., **Bottalico, P.**, & Guglielmino, D. (2010). Acoustics of the Teatro Regio in Turin before and after the refurbishment. *Proceedings of the 39th International Congress on Noise Control Engineering 2010, INTERNOISE 2010*, 72-81.
5. #+**Bottalico, P.**, Pelegrin-Garcia, D., Astolfi, A. & Brunskog, J. (2010). Measurement of vocal doses in virtual classrooms. *Proceedings of the 39th International Congress on Noise Control Engineering 2010, INTERNOISE 2010*, 913-922.
6. La Malva, F., Astolfi, A., **Bottalico, P.**, & Lo Verso, V. R. (2011). City's quality of life based on livinglandscape approach (urban blight, soundscape, light-scape, thermic-scape, subjective replies of users) to improve an urban historical place. *Proceedings of Forum Acusticum 2011*, 2031-2036.
7. #**Bottalico, P.**, Astolfi, A., Bronuzzi, F. & La Malva, F. (2011). Vocal load investigations on primary school teachers. *Proceedings of Forum Acusticum 2011*, 61-66.
8. La Malva, F., Astolfi, A., **Bottalico, P.**, Lo Verso, V. R. & Bronuzzi, F. (2011). Livinglandscape approach to improve urban historical places. *Proceedings of 5th International Symposium on Temporal Design*, 1-4.
9. La Malva, F., Astolfi, A., **Bottalico, P.**, Lo Verso, V. R. & Bronuzzi, F. (2011). Livinglandscape multi- sensory experience in urban historical places: subjective assessment from the local people and quality of the urban environment. *Proceedings of 5th International Symposium on Temporal Design*, 5-8.
10. La Malva, F., Astolfi, A., **Bottalico, P.**, Lo Verso, V. R. & Bronuzzi, F. (2011). Multi-sensory experience in urban historical places. *Proceedings of 10th International Congress on Noise as a Public Health Problem, 10th International Congress on Noise as a Public Health Problem (ICBEN 2011)*, 938-944.
11. #Astolfi, A., **Bottalico, P.**, Bronuzzi, F., Accornero, A., Garzaro, M., Pecorari, G., Nadalin, J. & Giordano C. (2011) Effect of noise and reverberation on vocal effort and fatigue of primary school teachers. *Proceedings of 10th International Congress on Noise as a Public Health Problem, 10th International Congress on Noise as a Public Health Problem (ICBEN 2011)*, 256-263.
12. Astolfi, A., La Malva, F., **Bottalico, P.**, & Pellerey, F. (2012). Soundscape characterization in selected areas of Turin to differentiate between pleasant and unpleasant urban areas. *Proceedings of EURONOISE 2012*, 1386-1391.
13. #Astolfi, A., **Bottalico, P.**, Accornero, A., Garzaro, M., Nadalin, J., & Giordano, C. (2012). Relationship between vocal doses and voice disorders on primary

- school teachers. *Proceedings of EURONOISE 2012*, 55-60.
14. Carullo, A., Penna, A., Vallan, A., Astolfi, A., & **Bottalico, P.** (2012). A portable analyzer for vocal signal monitoring. In *2012 IEEE International Instrumentation and Measurement Technology Conference Proceedings*, 2206-2211.
  15. #Astolfi, A., **Bottalico, P.**, Genta G., Barbato G., Levi R. (2012). Subjective indices related to speech transmission in classrooms – an appraisal. *Proceedings of EURONOISE 2012*, 101-106.
  16. **Bottalico, P.**, Graetzer, S., & Hunter, E. J. (2015). Vocal effort and the effect of room acoustics in noisy environments. *Proceedings of the 44th International Congress on Noise Control Engineering 2015, INTERNOISE 2015*, 3578-3588.
  17. Ipsaro Passione, I., **Bottalico, P.**, Masoero, M., Bronuzzi, F., Pacini, F., Fratini, L., & Del Nord, P. (2015). Evaluation of noise generated by a rail yard. *Proceedings of the 44th International Congress on Noise Control Engineering 2015, INTERNOISE 2015*, 1901-1910.
  18. **Bottalico, P.**, Spoglianti, D., Bertetti, C. A., & Falossi, M. (2015). Effect of noise generated by construction sites on birds. *Proceedings of the 44th International Congress on Noise Control Engineering 2015, INTERNOISE 2015*, 1095-1101.
  19. +Hunter, E.J., Leishman, T., **Bottalico, P.** & Graetzer S. (2016). Teaching in a classroom environment: speech adjustment to real and simulated classroom conditions, *Proceedings of 22nd International Congress on Acoustics ICA2016*, 1-10.
  20. +**Bottalico, P.**, Graetzer, S. & Hunter E.J. (2016). Speech level adjustment to reverberation time and early reflections. *Proceedings of EuroRegio*, 1-10.
  21. +**Bottalico, P.**, Ipsaro Passione, I., Graetzer, S. & Hunter E.J. (2016). Lombard Effect and its turning point. *Proceedings of EuroRegio*, 1-5.
  22. +Graetzer, S., **Bottalico, P.**, Hunter E.J. (2016). Speech produced in noise: relationship between listening difficulty and acoustic and temporal parameters. *Proceedings of the 8<sup>th</sup> International Conference on Speech Prosody*, 490-494.
  23. +**Bottalico, P.**, Graetzer, S., & Hunter, E. J. (2016). Effect of reverberation time on vocal fatigue. *Proceedings of the 8<sup>th</sup> International Conference on Speech Prosody*, 494-497.
  24. +Cantor Cutiva, L.C., **Bottalico, P.** & Hunter, E.J. (2018). The relation between vocal fry and room acoustics among bilingual English-Spanish speakers. *Proceedings of 11th International Conference on Voice Physiology and Biomechanics*, 1-2.
  25. +**Bottalico, P.**, Kost, K., Palacios, E., Perlman, A. & Wozniak, A. (2018). Lombard effect in a restaurant setting. *Proceedings of 11th International Conference on Voice Physiology and Biomechanics*, 1-2.
  26. +**Bottalico, P.**, Piper, R.N. & Legner, B. (2020). Lombard effect, ambient noise and willingness to spend time and money in a restaurant among older adults, e-Forum Acusticum 2020 Lombard effect in a restaurant setting. *Proceedings of e-Forum Acusticum 2020*, 1-8.
  27. +**Bottalico, P.** & Murgia, S. (2021). Intelligibility of dysphonic speech in primary classroom, *Proceedings of the 14th International Conference on*

- Advances in Quantitative Laryngology, Voice and Speech Research (AQL)*, 1-2.
28. +**Bottalico, P.** & Sierra-Polanco, T.E. (2021). Voice production changes in artificial environments. *Proceedings of EURONOISE 2021*, 1-10.
29. +Murgia, S. & **Bottalico, P.** (2021). Comprehension of dysphonic speech by primary students. *Proceedings of EURONOISE 2021*, 1-7.

#### *National Conference Proceedings*

1. **Bottalico, P.**, Giovannini, M., Astolfi, A., & Masoero, M. (2008). Valutazione della qualita' acustica del golfo mistico del Teatro Regio di Torino tramite misure e questionari (Evaluation of acoustical quality in the Teatro Regio orchestra pit by means of measurements and surveys). *Proceedings of 35th Convegno Nazionale di Acustica*, 1-8.
2. #Astolfi, A., **Bottalico, P.**, Pisani, R., Devecchi, C., Onali, P., & Mara, K. (2009). Lo sforzo vocale dalla fisiologia alla patologia: correlati anatomici e indicatori funzionali (Vocal effort from normal physiology to pathology: anathomy and functional indicatos). *Proceedings of 36th Convegno Nazionale di Acustica*, 1-8.
3. #Astolfi, A., **Bottalico, P.**, Pisani, R., Devecchi, C., Onali, P., & Mara, K. (2009). Lo sforzo vocale dalla fisiologia alla patologia: stima dell'incidenza dello sforzo vocale e capacita' di recupero (Vocal effort from normal physiology to pathology: incidence of vocal effort and resilience). *Proceedings of 36th Convegno Nazionale di Acustica*, 1-7.
4. #Astolfi, A., **Bottalico, P.**, Giovannini, M., & Bronuzzi, F. (2009). Influenza del rumore e della riverberazione sull'intelligibilita' del parlato per bambini dai 7 agli 11 anni in aule scolastiche (Influence of noise and reverberation in speech intelligibility for children from 7 to 11 years in classrooms). *Proceedings of 36th Convegno Nazionale di Acustica*, 1-6.
5. #**Bottalico, P.**, Schiavon, D., & Mombrini, F.A. (2009). Risultati di un intervento di correzione acustica in un'aula di scuola elementare (Results of an acoustical treatment in a primary school classroom). *Proceedings of 36th Convegno Nazionale di Acustica*, 1-6.
6. #Pisani, R., **Bottalico, P.**, Astolfi, A., Bronuzzi, F., Onali, P., Devecchi, C., & Mara, K. (2010). Analisi funzionale delle corde vocali in relazione alla fatica vocale (Functional analysis of vocal folds in relationship with vocal fatigue). *Proceedings of 37th Convegno Nazionale di Acustica*, 1-4.
7. #**Bottalico, P.**, Astolfi, A., Pisani, R., Onali, P., Devecchi, C., & Mara, K. (2010). L'impiego del laringofono nella dosimetria vocale (The use of laryngophone in vocal dosimetry). *Proceedings of 37th Convegno Nazionale di Acustica*, 1-4.
8. #**Bottalico, P.** & Pelegrin Garcia, D. (2010). Misura delle dosi vocali in aule scolastiche virtuali (Measurement of vocal doses in virtual classrooms). *Proceedings of 37th Convegno Nazionale di Acustica*, 1-4.
9. #Astolfi, A., **Bottalico, P.** & Bronuzzi, F. (2011). Indagini oggettive e soggettive dell'influenza del rumore e della riverberazione sullo sforzo vocale di insegnanti di scuola primaria (Objective and subjective investigations about the influence of noise and reverberation on vocal effort in primary school teachers). *Proceedings of 38th Convegno Nazionale di Acustica*, 1-8.

10. Astolfi, A., Guglielmino, D., & **Bottalico, P.** (2011). L'acustica del Teatro Regio di Torino prima e dopo il restauro (The acoustics of Teatro Regio in Turin, before and after the treatment). *Proceedings of 38th Convegno Nazionale di Acustica*, 1-8.
11. La Malva, F., Astolfi, A., **Bottalico, P.**, Lo Verso, V. M., & Lingua, A. (2011). Sistemi informativi spaziali per implementare la tutela, valorizzazione, progettazione e divulgazione del sound- scape in ambiente storico-urbano: Torino negli ultimi 150 anni (GIS use to improve the soundscape in urban and historical place: Turin in the last 150 years). *Proceedings of 38th Convegno Nazionale di Acustica*, 1-8.
12. +Masoero, M., Astolfi, A., **Bottalico, P.**, & Pisani, R. (2011). L'acustica del Teatro Grande di Brescia, (The acoustics of Grande Theater in Brescia). *Proceedings of Teatri d'opera dell'Unita' d'Italia*, 1-7.
13. +Masoero, M., Astolfi, A., **Bottalico, P.**, & Pisani, R. (2011). L'acustica del Teatro Alfieri di Asti (The acoustics of Alfieri Theater in Asti). *Proceedings of Teatri d'opera dell'Unita' d'Italia*, 1-7.
14. La Malva, F., Astolfi, A., Lo Verso, V. M., **Bottalico, P.**, & Bronuzzi, F. (2011). Il livingstage come strumento per riqualificare gli spazi urbani delle città storiche (Livingstage approach to improve urban historical places). *Proceedings of 38th Convegno Nazionale di Acustica*, 1-8.
15. #**Bottalico, P.**, Astolfi, A., & Bronuzzi, F. (2011). Dosimetria vocale sui maestri di scuola elementare durante la giornata lavorativa (Vocal dosimetry on primary schoolteachers during the working day). *Proceedings of 38th Convegno Nazionale di Acustica*, 1-8.
16. Astolfi, A., **Bottalico, P.**, Carullo, A., & Vallan, A. (2012). Un analizzatore portatile per il monitoraggio del segnale vocale (A portable analyzer for vocal signal monitoring). *Proceedings of 39th Convegno Nazionale di Acustica*, 1-6.
17. Spoglianti, D., Salomone, M., Bertetti, C. A., Falossi, M., & **Bottalico, P.** (2012). Valutazione della incidenza del rumore prodotto dai cantieri sulla avifauna (Effects of working construction noise on birds). *Proceedings of 39th Convegno Nazionale di Acustica*, 1-6.
18. #Astolfi, A., **Bottalico, P.**, Accornero, A., Garzaro, M., Nadalin, J., & Giordano, C. (2012). Dosi vocali e disturbi vocali in insegnanti di scuola primaria (Vocal doses and voice diseases in primary school teachers). *Proceedings of 39th Convegno Nazionale di Acustica*, 1-6.
19. #Astolfi, A., Carullo, A., Penna, A., Vallan, A., **Bottalico, P.**, & Bronuzzi, F. (2012). Monitoraggio del segnale vocale per i professionisti della voce (Voice monitoring in voice occupational users). *Proceedings of Strumenti e metodi di misura in acustica, Associazione Italiana di Acustica (ITA)*. 1-12.
20. #Giordano, C., Nadalin, J., Raimondo, L., Astolfi, A., **Bottalico, P.**, Riva, G., Garzaro, M., & Pecorari, G. (2013). Valutazione clinico-strumentale della voce degli insegnanti ai fini della diagnosi precoce e della prevenzione delle patologie vocali (Clinical-instrumental voice evaluation of teachers for the early detection and prevention of voice diseases). *Proceedings of AIA - Associazione Italiana di Acustica (ITA), Acustica e ambienti scolastici - Akustik und schulische Einrichtungen*, 1-10.

21. Spoglianti, D., Bertetti, C. A., Falossi, M., & **Bottalico, P.** (2013). Field results on highway noise emission in Italy. *Proceedings of AIA - Associazione Italiana di Acustica (ITA), Acustica e ambienti scolastici - Akustik und schulische Einrichtungen*, 1-10.
22. **Bottalico, P.**, & Murgia S. (2021). L'intelligibilità del parlato nelle aule primarie: cosa succede se l'insegnante ha problemi vocali. (Speech intelligibility in primary classrooms: what if the teacher has voice problems). *Proceedings of 47th Convegno Nazionale di Acustica*, 1-12.
23. Bottalico, P., Murgia, S., Puglisi, G., Astolfi, A., & Kirk, K. (2021). Effetto delle maschere sull'intelligibilità del parlato in aule auralizzate (Effect of masks on speech intelligibility in auralized classrooms). *Proceedings of 47th Convegno Nazionale di Acustica*, 1-12.

J. Abstracts (in print or accepted). Include only if these items are normally considered an important part of the publication record of a scholar or artist in this field. Provide inclusive page numbers for abstracts.

None

K. Book Reviews (in print or accepted). Include only if these items are normally considered an important part of the publication record of a scholar or artist in this field. Provide inclusive page numbers for book reviews.

None

L. Refereed Conference Papers and Presentations

#### International Conferences Podium Presentations

1. +La Malva, F., Astolfi, A., **Bottalico, P.**, Lo Verso, V.R.M. (2011, October). *Livingscape approach to characterize urban historical places*. The 162th Meeting of the Acoustical Society of America, San Diego, CA.
2. **Bottalico, P.**, Hunter, E.J., Graetzer, S. (2015, May). *Effect of acoustic feedback on the singing voice*. The 169th Meeting of the Acoustical Society of America, Pittsburgh, PA.
3. Graetzer, S., Hunter, E.J., **Bottalico, P.** (2015, May). *Acoustic clarity and vocal comfort in speech*. The 44th Annual Symposium: Care of the Professional Voice Philadelphia, PA.
4. **Bottalico, P.**, Hunter, E.J., Graetzer, S., Lee, A. (2015, May). *Acoustic clarity and vocal comfort for singers*. The 44th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
5. +Hunter, E.J., **Bottalico, P.**, Graetzer, S., Leishman, T.W., Jensen, Z.R., Berardi, M., Whiting, J.K., Rollins, M.K. (2015, June). *Talking, teaching, and listening: teachers' response to acoustic environments*. EuroNoise 2015, Maastricht, Netherlands.
6. +Hunter, E.J., Leishman, T., Jensen, Z., Berardi, M., **Bottalico, P.**, Graetzer, S. (2015, April). *Talking, teaching, and listening: teachers' responses to acoustic*

- environments*. The 11th International Conference on Advances in Quantitative Laryngology, Voice and Speech Research (AQL) in conjunction with the 4th International Occupational Voice Symposium (OVS). London, England.
7. +**Bottalico, P.**, Cantor Cutiva, L.C., Hunter, E.J. (2016, December). *Vocal effort and fatigue in virtual room acoustics*. The 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, HI.
  8. +**Bottalico, P.** (2016, December). *Teachers' accumulation of silence and voicing periods of continuous speech in classroom with different reverberation times*. The 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, HI.
  9. **Bottalico, P.**, Graetzer, S., Hunter, E.J. (2016, May). *Speech accommodation to room acoustics: reverberation time and clarity*. The 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
  10. **Bottalico, P.**, Graetzer, S., Hunter, E.J. (2016, May). *Pitch control in professional and amateur singers*. The 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
  11. **Bottalico, P.** (2016, May). *Construction noise impact on wild birds*. The 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
  12. **Bottalico, P.**, Ipsaro Passione, I., Graetzer, S., Hunter, E.J. (2016, June). *Is there a starting point for the Lombard Effect?* The 45th Annual Symposium: Care of the Professional Voice, June 2016, Philadelphia, PA.
  13. **Bottalico, P.**, Ipsaro Passione, I. (2016, June). *Evaluation of the uncertainty of vocal dosimeter devices*. The 45th Annual Symposium: Care of the Professional Voice, June 2016, Philadelphia, PA.
  14. Graetzer, S., **Bottalico, P.**, Hunter, E.J. (2016, June). *Speech produced in noise: relationship between listening difficulty and objective acoustical measures*. The 45th Annual Symposium: Care of the Professional Voice, June 2016, Philadelphia, PA.
  15. +Cantor Cutiva, L.C., **Bottalico, P.**, Burdorf, A., Hunter, E.J. (2017, June). *Communication problems among teachers and noise conditions. Hearing difficulties also matters!* Acoustics'17 Boston, 173rd Meeting of the Acoustical Society of America and the 8th Forum Acusticum, Boston, MA.
  16. +Banks, R.E., **Bottalico, P.**, Hunter, E.J. (2017, June). *The effect of classroom size and capacity on vocal fatigue as quantified by the Vocal Fatigue Index*. Presented at Acoustics'17 Boston, 173rd Meeting of the Acoustical Society of America and the 8th Forum Acusticum, Boston, MA.
  17. +**Bottalico, P.**, Cantor Cutiva, L.C., Hunter, E.J. (2017, June). *Vocal fatigue in virtual acoustics scenarios*, Acoustics'17 Boston, 173rd Meeting of the Acoustical Society of America and the 8th Forum Acusticum, Boston, MA.
  18. Cantor Cutiva, L.C., **Bottalico, P.**, Hunter, E.J. (2017, June). *Maximum phonation time in vocal fry*. The 46th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
  19. #**Bottalico, P.**, Hunter, E.J. (2017, June). *Voice and silence accumulated by teachers in classrooms with different reverberation times*. The 46th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
  20. **Bottalico, P.**, Codino, J., Cantor Cutiva, L.C., Marks, K., Skeffington, J., Shrivastav, R., Jackson-Menaldi, M.C., Hunter, E.J., Rubin, A. (2017, June). *Reproducibility of*

- voice parameters: the effect of room acoustics, background noise, and equipment. The 46th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
21. Banks, R.E., **Bottalico, P.**, Graetzer, S., Hunter, E.J. (2017, June). *The effect of classroom size and capacity on vocal fatigue as quantified by the vocal fatigue index*. The 46th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
  22. **Bottalico, P.**, Cantor Cutiva, L.C., Hunter, E.J. (2017, June). *The effect of the auditory feedback on vocal effort and fatigue in virtual room acoustics*. The 46th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
  23. **Bottalico, P.** (2017, June). *Speech adjustments for room acoustics and their effects on vocal effort*. The 46th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
  24. +Cantor Cutiva, L.C., **Bottalico, P.**, Hunter, E.J. (2018, May). *The relation between vocal fry and room acoustics among bilingual English-Spanish speakers*. Euronoise18, Crete, Greece.
  25. +**Bottalico, P.** (2018). *How much would you spend to eat at this restaurant?* Euronoise18, Crete, Greece.
  26. **Bottalico, P.**, Cantor Cutiva, L.C., Hunter, E.J. (2018, June). *Prediction of vocal fatigue from acoustical voice parameters in virtual acoustics scenarios*. The 47th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
  27. Cantor Cutiva, L.C., Codino, J., **Bottalico, P.**, Hunter, E.J., Rubin, A., Jackson-Menaldi, C. (2018, June). *Changes on voice quality after pure tone stimulation: a pilot study*. The 47th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
  28. Cantor Cutiva, L.C., **Bottalico, P.**, Hunter, E.J. (2018, June). *Variations in occurrence of vocal fry under different virtual simulated acoustic conditions*. The 47th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
  29. **Bottalico, P.** (2018, June). *Communication in restaurants - How much would you spend to eat at this restaurant?* The 47th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
  30. +**Bottalico, P.**, Hunter, E.J. (2019, September). *Pitch accuracy in relationship to external and internal auditory feedback*. 23rd International Congress on Acoustics, Aachen, Germany.
  31. +**Bottalico, P.**, Ishikawa, K. (2019, September). *Speech intelligibility in classrooms: what if the teacher is dysphonic?* 23rd International Congress on Acoustics, Aachen, Germany.
  32. +**Bottalico, P.**, Redman, Y., Cantor Cutiva, L.C., Vercelli, C. (2019, September). *Voice and noise dosimetry in college voice teachers*. 23rd International Congress on Acoustics, Aachen, Germany.
  33. +**Bottalico, P.**, Ishikawa, K. (2019, June). *Speech intelligibility of dysphonic voices in a college classroom*, InterNoise2019, Madrid, Spain.
  34. +**Bottalico, P.**, Ishikawa, K. (2019, May). *Effect of dysphonic voices on speech intelligibility in a college classroom*, 14th Congress of the European Federation of Audiology Societies, Lisbon, Portugal.
  35. + **Bottalico, P.**, Murgia, S. (2020, December). *Speech intelligibility in the primary classroom: What if the teacher has voice problems*, Acoustics Virtually Everywhere - The 179th Meeting of the Acoustical Society of America, online.

36. **Bottalico, P.**, Piper, R. N., Legner, B., Ruda, A. (2020, December). *Lombard effect, ambient noise and willingness to spend time and money in a restaurant amongst older adults*, Acoustics Virtually Everywhere - The 179th Meeting of the Acoustical Society of America, online.
37. Sierra, T. E., Nudelman, C., Cantor Cutiva, L.C., **Bottalico, P.** (2020, December). *The effect of room acoustics on voice parameters: A systematic review*. Acoustics Virtually Everywhere - The 179th Meeting of the Acoustical Society of America, online.
38. Sierra, T. E., Marzolf, E. J., **Bottalico, P.** (2020, December). *Voice intensity changes in artificial acoustics*. Acoustics Virtually Everywhere - The 179th Meeting of the Acoustical Society of America, online.
39. Murgia, S., Sierra, T. E., Ishikawa, K., Bottalico, P (2021, June). *Intelligibility in auralized classrooms: the effect of dysphonia*. The 50th Anniversary Symposium: Care of the Professional Voice, online.
40. **Bottalico, P.**, Murgia, S. (2021, June). *Effect of dysphonic speech on intelligibility in primary classrooms*. The 50th Anniversary Symposium: Care of the Professional Voice, online.
41. Webster, J., Ishikawa, K., Cantor Cutiva, L.C., **Bottalico, P.** (2021, June). *The effect of bilingualism on the voice of Spanish-English bilingual speakers*. The 50th Anniversary Symposium: Care of the Professional Voice, online.
42. **Bottalico, P.** (2021, April). *Effect of masks on speech intelligibility in auralized classrooms*, 8th International Colloquium in Education, online.
43. **Bottalico, P.**, Murgia, S., Ishikawa K. (2021, June). *Effect of voice problems on vowel identifications in different acoustics environments*, The 180th Meeting of the Acoustical Society of America, online.

#### *International Conferences Poster Presentations*

1. **Bottalico, P.**, Graetzer, S., Hunter, E.J. (2014, October). *Room acoustics and vocal comfort in speakers*. The 168th Meeting of the Acoustical Society of America, Indianapolis, IN.
2. **Bottalico, P.**, Pavese, L., Astolfi, A., Hunter, E.J., Graetzer, S. (2014, October). *Voice accumulation and voice disorders in primary school teachers*. Presented at 168th Meeting of the Acoustical Society of America, Indianapolis, IN.
3. Graetzer, S., **Bottalico, P.**, Hunter, E.J. (2015, May). *Vocal comfort and effort in speech: accommodation to different room acoustic conditions*. The 169th Meeting of the Acoustical Society of America, Pittsburgh, PA.
4. **Bottalico, P.**, Hunter, E.J. (2016, May). *Time dose and fundamental frequency of male and female speakers in different style and reverberation times*. The 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
5. **Bottalico, P.**, Ipsaro Passione, I., Graetzer, S., Hunter, E.J. (2016, May). *Assessment of the starting point of the Lombard Effect*. The 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
6. **Bottalico, P.**, Ipsaro Passione, I., Hunter, E.J. (2016, May). *Vocal dosimeter devices and their uncertainty*. The 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.



7. Graetzer, S., **Bottalico, P.**, Hunter, E.J. (2016, May). *Speech produced in noise: relationship between listening difficulty and spectral and durational parameters*. The 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
8. Hunter, E.J., Graetzer, S., **Bottalico, P.**, Ferguson, S., Leishman, T., Maxfield, L. (2016, May). *Gender differences and speech accommodation in occupational settings*. The 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
9. Cantor Cutiva, L.C., **Bottalico, P.**, Hunter, E.J. (2017, June). *Is CPPs a good predictor of vocal fry?* The 46th Annual Symposium: Care of the Professional Voice, June 2017, Philadelphia, PA.
10. Cantor Cutiva, L.C., **Bottalico, P.**, Hunter, E.J. (2017, June). *Relationship between vocal fry and vowel height*. The 46th Annual Symposium: Care of the Professional Voice, June 2017, Philadelphia, PA.
11. Murgia, S., Webster, J., Cantor Cutiva L. C., **Bottalico, P.** (2020, December). *Speech intelligibility in primary school children: A systematic review*. Acoustics Virtually Everywhere - The 179th Meeting of the Acoustical Society of America, online.
12. Murgia, S., Puglisi, G. E., Sierra, T. E., Astolfi, A., Ishikawa, K., **Bottalico, P.** (2020, December). *Intelligibility of dysphonic speech in auralized classrooms*. Presented at Acoustics Virtually Everywhere - The 179th Meeting of the Acoustical Society of America, online.

#### *National Conferences Podium Presentations*

1. Kopf, L., Graetzer, S., **Bottalico, P.**, Shrivastav, R., Hunter, E.J. (2015, November). *The effect of voice use feedback on silence accumulation, voice accumulation, and voice quality*. Presented at 2015 ASHA Convention, Denver, CO.
2. Hunter, E.J., Ipsaro Passione, I., **Bottalico, P.** (2016, November). *Uncertainty of commercially available vocal accumulation devices*. Presented at 2016 ASHA Convention, Philadelphia, PA.

#### *National Conferences Poster Presentations*

1. Graetzer, S., **Bottalico, P.**, Hunter, E.J. (2015, March). *Acoustic properties of speech produced in noise: implications for speech intelligibility*. The 4th Annual MSU Conference on Women's Health Research, East Lansing, MI.
2. Banks, R., Hunter, E.J., Graetzer, S., **Bottalico, P.** (2015, November). *Vocal risks and vocal fatigue in school teachers*. 2015 ASHA Convention, Denver, CO.
3. Lee, A. C., Gavigan, C., **Bottalico, P.**, Graetzer, S., Hunter, E.J. (2015, March). *Effects of feedback and accompaniment level on singer perception*. MSHA Annual Conference, Lansing, MI.
4. Woodberg, A., Graetzer, S., Hunter, E.J., **Bottalico, P.** (2015, March). *The Effect of social stress on disfluency and fundamental frequency in speech*. MSHA Annual

Conference, Lansing, MI.

5. **#Bottalico, P.**, Astolfi, A., Hunter, E.J., Graetzer, S. (2015, March). *Subjective and objective speech intelligibility investigations in primary school classrooms*. MSHA Annual Conference, Lansing, MI.
6. **Bottalico, P.**, Graetzer, S., Hunter, E.J. (2015, March). *Room acoustics and vocal comfort in speakers*. MSHA Annual Conference, Lansing, MI.
7. **#Bottalico, P.**, Hunter, E.J., Graetzer, S. (2015, March). *Distribution of silence and voicing accumulations of primary school teachers*. MSHA Annual Conference, Lansing, MI.
8. Wu, J., Jakubik, N., Graetzer, S., **Bottalico, P.**, Rakerd, B., Hunter, E.J. (2016, April). *Acoustic characteristics of CSD research laboratories and recording environments at Michigan State University*. MSHA Annual Conference, Grand Rapids, MI.
9. Jakubik, N., Wu, J., Graetzer, S., **Bottalico, P.**, Rakerd, B., Hunter, E.J. (2016, April). *Acoustic characteristics of CSD clinical rooms and the virtual classroom at Michigan State University*. MSHA Annual Conference, Grand Rapids, MI.
10. Berardi, M., **Bottalico, P.**, Graetzer, S., Hunter, E.J. (2016, April). *Pitch accuracy in relation to external and internal auditory feedback*. MSHA Annual Conference, Grand Rapids, MI.
11. Wilson, E., Gavigan, C., **Bottalico, P.**, Graetzer, S., Hunter, E.J. (2016, April). *Accurately portraying the starting point of the Lombard Effect*. MSHA Annual Conference, Grand Rapids, MI.
12. Gavigan, C., Graetzer, S., **Bottalico, P.**, Hunter, E.J. (2016, April). *Effects of social stress on speech*. MSHA Annual Conference, Grand Rapids, MI.
13. **Bottalico, P.** (2017, November). *Vocal dosimeter devices and their uncertainty*. CHART Symposium, Champaign, IL.
14. Cammenga, K., **Bottalico, P.**, Cantor Cutiva, L.C., Hunter, E.J. (2017, March). *Acoustical analysis of vocal fry in two individuals*. MSHA Annual Conference, Detroit, MI.
15. **Bottalico, P.**, Redman, Y., Cantor Cutiva, L.C., Putira, L., Vercelli, C. (2018, November). *Work-related communicative profile of college voice teachers*. 2018 ASHA Convention, Boston, MA.
16. Cantor Cutiva, L.C., **Bottalico, P.**, Nudelman, C., Webster, J., Hunter, E.J. (2018, November). *Reliability of judgments of perceptual assessment of vocal fry among bilingual English-Spanish speakers*. 2018 ASHA Convention, Boston, MA.

M. Other Specify type.

None

### III. CONTRIBUTIONS TO TEACHING AND LEARNING

#### A. Summary of Teaching Activity

1. Descriptive Data Provide information for courses taught, both on and off campus, since the last promotion. See instructions for more details.

Term	Offer- ing Dept	Course---	Section-	Indiv Instr /Class	IUs	Stu- dents	Class Contact Hours	# of Instr- uctors
SP22	1-679	SHS 593	IND PBQ	I	8	1	1	1
SP22	1-679	SHS 593	IND PB2	I	5	2	1	1
SP22	1-679	SHS 301	LAB AB3	C	12.8	12.8	0	2
SP22	1-679	SHS 301	LAB AB1	C	26.2	26.2	0	2
SP22	1-679	SHS 301	LAB AB2	C	26.8	26.8	0	2
SP22	1-679	SHS 592	LCD A	C	197.5	52	1	1
SP22	1-679	SHS 592	LCD B	C	6.5	8	1	1
SP22	1-679	SHS 301	LCD AE1	C	294	98	3	1
FA21	1-679	SHS 593	IND PB	I	6	1	2	1
FA21	1-679	SHS 593	IND PB2	I	3	2	1	1
FA21	1-679	SHS 291	IND PB	I	3	1	1	1
FA21	1-679	SHS 542	ONL A	C	16	4	3	1
FA21	1-679	SHS 559	LCD HC	C	22	11	1	1
SU21	1-679	SHS 593	IND PB2	I	2	2	0	1
SP21	1-679	SHS 599	IND PB	I	2	2	0	1
SP21	1-679	SHS 593	IND PB	I	4	1	2	1
SP21	1-679	SHS 593	IND PB2	I	9	4	1	1
SP21	1-679	SHS 301	OLB AB3	C	0	0	0	2
SP21	1-679	SHS 301	OLB AB1	C	0	0	0	2
SP21	1-679	SHS 301	OLB AB2	C	0	0	0	2
SP21	1-679	SHS 301	ONL AE1	C	312	104	3	1
FA20	1-679	SHS 593	IND PB2	I	2	1	1	1
FA20	1-679	SHS 594	IND PB	I	6	2	1	1
FA20	1-679	SHS 599	IND PB	I	2	1	0	1
FA20	1-679	SHS 593	IND PB	I	4	1	2	1
FA20	1-679	SHS 542	ONL A	C	40	10	3	1
FA20	1-679	SHS 559	ONL HC	C	8	4	1	1
SU20	1-679	SHS 599	IND PB	I	1	1	0	1
SU20	1-679	SHS 593	IND PB2	I	3	2	0	1
SU20	1-679	SHS 594	LAB PB	C	3	2	0	1
SP20	1-679	SHS 593	IND PB	I	3.1	1	2	1
SP20	1-679	SHS 390	IND PB	I	3	1	2	1
SP20	1-679	SHS 593	IND PB2	I	5	2	1	1
SP20	1-679	SHS 594	LAB PB	C	5	2	0	1
SP20	1-679	SHS 301	LAB AB3	C	0	0	0	2
SP20	1-679	SHS 301	LAB AB1	C	0	0	0	2
SP20	1-679	SHS 301	LAB AB2	C	0	0	0	2
SP20	1-679	SHS 301	LCD AE1	C	243	81	3	1
FA19	1-679	SHS 593	IND PB	I	1.9	1	2	1
FA19	1-679	SHS 390	IND PB	I	3	1	2	1
FA19	1-679	SHS 593	IND PB2	I	6	2	1	1
FA19	1-679	SHS 594	LAB PB	C	1	1	0	1
FA19	1-679	SHS 593	LEC SS	C	38.3	11	3	1
FA19	1-679	SHS 559	LCD HC	C	20	10	1	1
SU19	1-679	SHS 593	IND PB2	I	2.5	2	0	1
SP19	1-679	SHS 593	IND PB	I	4	1	2	1
SP19	1-679	SHS 390	IND PB	I	4	2	2	1
SP19	1-679	SHS 593	IND PB2	I	3.6	2	1	1
SP19	1-679	SHS 301	LAB AB3	C	8	8	1	1
SP19	1-679	SHS 301	LAB AB1	C	40	40	1	1
SP19	1-679	SHS 301	LAB AB2	C	40	40	1	1
SP19	1-679	SHS 301	LCD AE1	C	264	88	3	1
FA18	1-679	SHS 390	IND PB	I	3	1	2	1
FA18	1-679	SHS 291	IND PB	I	3	1	1	1
FA18	1-679	SHS 593	LEC SS	C	15.4	3	3	1
FA18	1-679	SHS 559	LCD HC	C	20	10	1	1
SP18	1-679	SHS 301	LAB AB3	C	18	18	1	1
SP18	1-679	SHS 301	LAB AB1	C	38	38	1	1
SP18	1-679	SHS 301	LAB AB2	C	39	39	1	1
SP18	1-679	SHS 301	LCD AE1	C	285	95	3	1
FA17	1-679	SHS 593	LEC SS	C	14.5	7	2	1

In the last 5 years, I have taught three academic courses.

1. SHS 301: General Speech Science, in-person lectures and labs, 1 instructor and 1 TA. This is a 4 credit required course for undergraduate majors. Students will acquire a solid understanding of the mechanisms of normal speech production and perception as a foundation for future clinical application.
2. SHS 542 (SHS 593-SS): Signals and Systems, in-person lectures and labs, 1 instructor. This is a 4 credit required course for our AuD curriculum. Students will learn fundamental theory of signals and systems analysis with applications to hearing and speech sciences.
3. SHS 559: Hearing Conservation, in-person lectures and labs, 1 instructor. This is a 2 credit required course for our AuD curriculum. Students will become familiar with hearing conservation programs including standards and regulations.
4. SHS 592: Proseminar Series in Speech and Hearing Science is a hybrid seminars with invited speakers, 1 instructor, it is a required course in our graduate curricula. This is divided into 2 sessions A and B. SHS 592-A is a forum to discuss research relevant to the field of communication sciences and disorders. SHS 592-B is divided into 2 components. The first portion consists of a discussion about the Proseminar's presentation and research. The presenter provides an article for the students to read before the meeting. The second portion is focused on how the presenters started their program of research, scaling up from pilot studies to their current projects.
5. SHS 291: Research Lab Experience in SHS, research experience in the lab, 1 instructor, and they are elective courses. Typically the students will investigate a special problem in a team
6. SHS 390: Research Lab Experience in SHS, research experience in the lab, 1 instructor, and they are elective courses. Typically the student will perform an individual investigation of special problems.
7. SHS 593: Independent Study. This is a research experience in the lab, with me as the instructor, and it is an elective course in our graduate curricula. This course is offered for AuD students, to complete their Doctoral Research Project (Capstone). The project is expected to be a cumulative project of a theoretical, professional, or empirical nature which will result in a final document consisting of a written paper. This course is offered for Ph.D. students, to complete their Qualifying Exam.
8. SHS 594 Ph.D. Early Research Project, is research experience in the lab for Ph.D. students. The student will work on an ongoing project in the lab under my supervision. This is a required course in our Ph.D. curriculum.
9. SHS 599 M.A. Thesis Research is a research experience in the lab. The student will develop an independent research question based on the literature, will create an experimental design with my supervision, and will collect and analyze the data. It will result in a final document consisting of a written paper. This is an elective course in our M.A. curriculum.

2. Supervision of Graduate Students *For each graduate student supervised, provide the student's name and level, dates work was supervised, current status, thesis title if completed and the student's placement. See example in instructions.*

*Committee Chair and Director of Ph.D. Research in Speech and Hearing Science*

1. Murgia, Silvia., Ph.D., 2019-Present, "Speech intelligibility in classrooms."

*Committee member of Ph.D. Dissertation at UIUC*

1. Cotoc, Crina, PhD in Community Health, 2018 -2020, "Self-stigmatization, perceptions of oncologist's role in prognostic communication and information seeking behaviors in breast cancer," now at University of Minnesota Medical School.
2. Saeger, Lauren, PhD in Music, 2018 -2020, "Effects of vibrato rate, extent and duration: differences between ensemble and solo singing in the vocal jazz style," now at Meredith College.

*Committee Chair and Director of Au.D. Research*

1. Putira, Lauren, Au.D. 2017-2019, "Effects of noise exposure and voice use on music teachers' hearing and vocal abilities," now at Audiology of Charlotte, Matthews, NC.
2. Piper, Rachael, Au.D. 2017-2021, "Lombard Effect in restaurants for seniors with and without hearing loss," now at East Coast Hearing and Balance, Leland, NC.
3. Legare, Carolyn, Au.D, 2017-2021, "Influence of noise frequency components on the Lombard Effect," now at Marion VA Medical Center, Marion, IL.
4. Moore, Kristen, Au.D. student, 2019- present, "Speech intelligibility in dining halls."
5. Mekus, Taylor, Au.D. student, 2019-present, "Speech intelligibility in primary schools with and without face masks."
6. Plachno, Isabella, Au.D. student, 2020-present, "Voice related quality of life in CI users."
7. Lowrance, Rachel, Au.D. student, 2021-present, "Longitudinal noise dosimetry in music students."

*Committee Member of Au.D Capstone project.*

1. Johnson, Kristin, Au.D., 2015-2020, "Examining involvement of olivocochlear efferents for frequency discrimination," now at Audiology Innovations PC., Bloomington, IL.
2. Trine, Alisson, Au.D. student 2018- present, "Extended high frequencies provide both spectral and temporal information to improve speech-in speech listening."
3. Price, Rachel, Au.D. student, 2019- present, "Effect of familiarity in speech intelligibility."
4. Arzuaga, Briana, Au.D. student, 2019- present, "The effect of masks on speech."
5. Brennan, Callie, Au.D. student, 2019-20 present 23, "Misophonia Prevalence and Co-Morbidities in a Collegiate Population."
6. Auriemma, Celine, Au.D. student, 2019- present, "Effect of Time-Windowing on Transient-Evoked Otoacoustic Emission Amplitude."

*Committee Chair and Director of Master Thesis in Speech and Hearing Science*

1. Sierra, Tomas, M.A., 2019-2021, "Vocal fatigue in virtual acoustics," now in Ibagué, Colombia.
2. Webster, JosseMia, M.A., 2019-2021, "Vocal fatigue among bilinguals," now Speech Language Pathologist Clinical Fellow at Detroit Public Schools Community District.

*Other contributions*

1. Vercelli, Chiara, 2018, M.S. in Architecture, Visiting scholar from Politecnico di Torino for the master thesis, "Room acoustics effect on voice and noise dosimetry in voice professors."
2. Minelli, Greta, 2022, PhD candidate in Energetics, Politecnico of Turin, committee member, "Classroom acoustics for learning and well-being: in-field measurements, questionnaires and binaural speech intelligibility."
3. Carzedda, Giorgio, 2021, M.S. in Cinema Engineering, Politecnico of Turin, committee member for the master thesis, "Study and implementation of a methodology for measuring and assessing the Lombard effect in eating establishments during COVID-19 pandemic."
4. Calia, Giulia, 2021, M.S. in Architecture, Politecnico of Turin, committee member for the master thesis, "Validation of predictive algorithm control of gatherings in enclosed places."
5. Di Iulio, Michele, 2021, M.S. in Biomedical Engineering, Politecnico of Turin, committee member for the master thesis, "Speech intelligibility of speakers with masks in children with CI."

3. Supervision of Undergraduate Students *For each undergraduate student supervised, provide the student's name and level, dates work was supervised, current status, thesis title if completed.*

*Laboratory members*

- 10 James Scholar students
- 4 SPRAK students
- The following students are co-coauthors in proceedings, abstract or papers.
- Kost, Kelly, Fall17-Spring18, Lombard Effect in a restaurant setting
- Perlman, Allison, Fall17-Spring18, Lombard Effect in a restaurant setting
- Wozniak, Angelica, Fall17-Spring19, Lombard Effect in a different settings
- Palacios, Emilie, Fall17-Spring19, Acoustic measurements in primary schools
- Webster, JosseMia, Spring18 – Spring21, Vocal fatigue and phonation time
- Nudelman, Charlie, Spring18 – Present, Vocal fatigue among bilinguals
- Legner, Brianna, Spring19 – Spring22, Lombard effect in restaurants for seniors with and without hearing loss
- Ruda, Alyse, Fall19 – Spring20, Lombard effect in restaurants for seniors with and without hearing loss
- Marzolf, Ella, Spring20 – Fall20, Vocal effort in virtual acoustics
- Lastowiecka, Natalia, Fall21 – present, Singing in different halls

4. Other Contributions to Teaching and Learning *For each activity in the list below, list the extent of your work in that area by year, and explain in a sentence*

or two the overall impact of your work. If you have not done an activity, leave it blank. Detailed examples of each category are in the instructions.

- Curriculum research and development

*Developed new course*

- |           |   |
|-----------|---|
| Fall 2017 | I developed the syllabus and the material for the new graduate course SHS 593 "Signals and Systems".  |
| Fall 2018 | I extended the course SHS 593 "Signals and Systems" from 2 to 4 credit hours, adding a laboratory component.  |
| Fall 2019 | I sponsored a course proposal to convert SHS 593 "Signals and Systems" into a formal course. The course proposal was approved with the number SHS 542 and incorporated into our audiology curriculum. |

*Developed new learning materials*

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|---------------|--|
| Spring 2018   | I developed new learning materials for SHS 301 "General Speech Science" including weekly interactive quizzes (using I-clicker for real-time answers), group activities (writing groups on the learning objectives of every week), and new laboratory experiences (learning how to analyze speech and voice with PRAAT software). |
| @ Spring 2020 | I created video lectures for SHS 301 for the lectures of the second part of the semester.  |
| @ Spring 2021 | I created video lectures for SHS 301 for all the lectures of the first part of the semester.   |

*Engaged in research on pedagogy*

None

*Increased accessibility and equity in a course or learning materials*

None

*Substantially revised existing course*

- |           |   |
|-----------|---|
| Fall 2018 | I substantially revised the existing course SHS 559 "Hearing Conservation". Instead of focusing on clinical hearing assessment (object of the clinical hours), I focused the course on noise assessment and dosimetry.  |
| Fall 2018 | I added a lecture where I invite experts to discuss noise exposure among musicians (Prof. Redman) and noise exposure in educational settings (Dr. Cantor Cutiva). The department bought several noise recorders to allow our students to perform the final project where they apply what they learn in classrooms to a real case study involving students from the marching band. |

- Educational service

*Development or delivery of training, certificate, or continuing education programs*  
None

*Enhanced diversity, equity, and inclusion in an educational unit*  
None

*Led discussion or gave presentation about teaching*  
None

*Mentored a colleague or graduate student in teaching*  
None

*Observed/peer reviewed other instructors' teaching*  
None

*Taught audiences outside traditional Illinois students*  
Spring 2018      Presentation at the Urbana High School Applied Health Sciences Day  
Spring 2019      Presentation for High School students attending the 4H Illini Summer Academy

*Participated in or led a committee related to teaching*  
None

- Personal development

*Earned instructional certification (e.g., from CITL)*  
None

*Participated in instructional development training or workshop*  
Fall 2017      Illinois AHS Teaching Academy  
Spring 2018      Illinois AHS Teaching Academy; 3 seminars from the Faculty Series on Teaching & Learning; Annual Faculty Retreat of the CITL  
Fall 2018      Illinois AHS Teaching Academy  
Spring 2019      Illinois AHS Teaching Academy; 1 seminar from the Faculty Series on Teaching & Learning; Annual Faculty Retreat of the CITL  
Fall 2019      Illinois AHS Teaching Academy  
Spring 2020      Illinois AHS Teaching Academy; 2 seminars from the Faculty Series on Teaching & Learning; Annual Faculty Retreat of the CITL; I started to work with Cheelan Bo-Linn (the Senior Specialist in Education of the CITL at UIUC) to improve my teaching approach.  
Fall 2020      Illinois AHS Teaching Academy



Spring 2020	Illinois AHS Teaching Academy; Annual Faculty Retreat of the CITL; I worked with Cheelan Bo-Linn for a better transmission in the online version of SHS301.
Summer 2020	Illinois Summer Teaching Institute
Fall 2020	Illinois AHS Teaching Academy
Spring 2020	Illinois AHS Teaching Academy; 1 seminar from the Faculty Series on Teaching & Learning Annual Faculty Retreat of the CITL; I worked with Cheelan Bo-Linn to improve my teaching statement and modify my ICES items.

- Informal student mentoring and support

*Contributed to student learning outside courses (e.g., clubs, study abroad)*

Spring 2020	As a full member of the Acoustical Society of America (ASA), I sponsored "Acoustics at the University of Illinois" the official student chapter of ASA at the University of Illinois at Urbana-Champaign.
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*Engaged in informal graduate mentoring*

2018-2022	I informally gave feedback to 3 Ph.D. students on their manuscripts and presentations. I also offered an informal consulting service on statistics and signal process.
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*Engaged in informal undergraduate mentoring*

2017 – 2022	I mentored 4 to 6 undergraduate students per year in navigating our department. I also mentored them on graduate school applications, and how to create a competitive resume.
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- Other

None

#### **IV. SERVICE (PUBLIC, PROFESSIONAL/DISCIPLINARY, AND UNIVERSITY) (SINCE LAST PROMOTION AT ILLINOIS)**

##### **A. Summary of Service**

##### **1. Public Engagement, Outreach, and/or Extension.**

Summer 2018	Room acoustics consultant for the primary schools of the Urbana District (about 1000 acoustics measurements in all the classrooms of the District).
Fall 2018	Invited speaker at the public forum "Creating Quieter Communities" in Victoria, Canada.

Spring 2019	Hearing conservation consultant for the musicians of the Krannert Center for performing arts, performed noise measurements in the orchestra pit, suggested acoustic solutions for noise reduction, and tested hearing protection devices.
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*Media Interviews*

*TV Interviews*

Fall 2020	WCIA news, IL, US, "Speech intelligibility of masks in classrooms"
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*Radio Interviews*

Fall 2018	ESPN Radio, Urbana, IL, US, "Noise in restaurants and willingness to pay"
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Fall 2020	WILL/Illinois Public Media, IL, US, "Speech intelligibility of masks in classrooms"
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*Newspaper Interviews*

Fall 2018	News Gazette, Champaign, IL, US, "Lombard effect in restaurants"
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Fall 2019	La Repubblica, Italy, "Inventing a new acoustics"
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Fall 2020	News Gazette, Champaign, IL, US, "Speech intelligibility of masks in classrooms"
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Fall 2020	El Mercurio, Chile, "Speech intelligibility of masks in classrooms"
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Fall 2020	La Stampa, Italy, "Lombard Effect, intelligibility, ambient noise, and willingness to spend time and money in a restaurant amongst older adults with and without hearing loss"
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Fall 2020	La Repubblica, Italy, "Speech intelligibility of masks in classrooms"
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2. Service to Professional and/or Disciplinary Societies or Associations.

*Professional Affiliations*

2008 – Present	Associazione Italiana di Acustica
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2014 – Present	Acoustical Society of America
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2015 – Present	Institute of Noise Control Engineering
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2018 – Present	American Speech-Language-Hearing Association (ASHA)
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2018 – Present	The Voice Foundation
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*Ad Hoc Reviewer*

1. The Journal of the Acoustical Society of America
2. The Journal of the Acoustical Society of America – Express Letter
3. Journal of Voice
4. Logopedics Phoniatrics Vocology
5. The Journal of Building Acoustics
6. Folia Phoniatica et Logopaedica
7. Journal of Speech, Language, and Hearing Research
8. International Journal of Speech and Language Pathology
9. Advancing Interdisciplinary Research in singing

10. Applied Acoustics
11. PNAS (Proceedings of the National Academy of Sciences of the USA)
12. Ear and Hearing
13. International Journal of Speech-Language Pathology
14. Scientific Reports
15. American Journal of Audiology
16. American Journal of Speech and Language Pathology
17. International Journal of Audiology

*Other Professional Service*

2022 – Present	Stetson Subcommittee. This committee reviews applications and makes recommendations to the Acoustical Society of America Prizes and Special Fellowships committee
2021 - 2022	Member of the special committee for the nomination of the chair of the Speech Communication Technical Committee of the Acoustical Society of America
2019 - Present	Member of the Speech Communication Technical Committee of the Acoustical Society of America
2015 – 2021	Judge for the Best Poster Award during the Annual Symposia of the Voice Foundation
2018	Chair of 2 Structured Sessions at Euronoise 2018, Crete, Greece
2018	Member of the Scientific Committee for the 11th International Conference on Voice Physiology and Biomechanics, East Lansing, MI, US
2019	Reviewer for the International Symposium on Room Acoustics, Amsterdam, Netherlands
2019	Chair of Structured Session at International Congress on Acoustics 2019, Aachen, Germany
2020	Chair of Structured Session at e-Forum Acusticum 2020, online.
2021	Chair of Structured Session at Acoustics in Focus, the 180th Meeting of the Acoustical Society of America, online.
2021	Member of the Scientific Committee for the 14th International Conference on Advances in Quantitative Laryngology, Voice and Speech Research, Bogota, Colombia and online.
2022	Chair of Structured Session at 182th Meeting of the Acoustical Society of America, Denver CO.
2022	Chair of Structured Session at 2nd Symposium on Acoustics of Ancient Theaters, Verona Italy.
2022	Chair of Structured Session at 24th International Congress on Acoustics (ICA 2022), Gyeongju, Korea.
2022	Organization of the “I symposium: a day of voice at University of Illinois”
2022 - 2023	Member of the Scientific Committee for the Forum Acusticum 2023, Turin, Italy.

3. University and/or Campus Service.

*Departmental service*

2017 – 2018	Graduate Booth during ASHA Conventions
2018	Helped to organize the annual departmental picnic for the incoming students
2019	Helped to organize the SHS Graduate Programs Information Session
2018 – 2019	Education Policy Committee; Award Committee
2019 - 2020	Education Policy Committee; Admissions Committee
2020 - 2021	Admissions Committee; Award Committee
2021 – 2022	Award Committee

*College service*

2018-2019	Provided professional recommendations and prepared a report for the acoustical treatment for temporary classrooms of the Department during building renovation
2018-2019	Alleged Capricious Grading; Elections and Credentials;
2021-2022	Award Committee

*Campus service*

2021-2022	Reviewer for Campus research Board
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4. Other Service.

None