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Logopedi, foniatri och audiologi
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Forskning

Min forskning rör sig kring skolan ur olika perspektiv men med grunden i kommunikation och skolans ljudmiljö. Viktiga aspekter är talarkomfort: lärarens möjlighet att göra sig hörd genom tillräckligt god ljudmiljö (akustik och bakgrunds-/aktivitetsljud) och med en fungerande röst och kommunikation (röstbelastning, röstkvalitet, ickeverbal kommunikation) och lyssnaransträngning (listening effort): barnens eventuella ansträngning vid perception av det talade och språkförståelse i relation till barnets kognitiva kapacitet. Vår interventionsforskning i skola rör utbildning av lärare och effekterna på lärarnas och barnens välbefinnande och barnens språkliga kapacitet.

Anställning

Handledare, Universitetsadjunkt

Logopedi, foniatri och audiologi
Lunds universitet
Lund, Sverige
2015 sep. 21 → present

Forskningsprojektmedlem

Kommunikation och kognition
Lunds universitet
Lund, Sverige
2016 aug. 10 → present

Forskningsprojektmedlem

Röstgruppen
Lunds universitet
Lund, Sverige
2016 aug. 10 → present

Universitetsadjunkt

EpiHealth: Epidemiology for Health
Lunds universitet
Malmö, Sverige
2011 jan. 1 → present

Professor

Åbo Akademi University
Åbo (Turku), Finland
2019 aug. 1 → present

Logoped

Ystad Hospital
Ystad, Sverige
1991 juli 1 → 1994 nov. 1

Forskningsoutput

Event boundary perception in audio described films by people without sight

Johansson, R., Rastegar, T., Lyberg Åhlander, V. & Holsanova, J., 2024 juli 28, I: Applied Cognitive Psychology. 38, 4, 12 s.

Sex differences in vocal behavior in virtual rooms compared to real rooms

Papadimitriou, G., Brunskog, J., Heuchel, F. M., Lyberg Åhlander, V. & Öhlund Wistbacka, G., 2024 apr. 1, I: JASA Express Letters. 4, 4, 045201.

Professional voice use in health and nursing care – Time for reconsideration? A scoping review

Vaartio-Rajalin, H., Lyberg Åhlander, V. & Nyholm, L., 2024, (E-pub ahead of print) I: Scandinavian Journal of Caring Sciences.

The Influence of Narrative Specificity and Voice Quality when Listening to Audio Descriptions: a Comparison of the Sighted and the Blind

Lyberg Åhlander, V., Holsanova, J. & Johansson, R., 2023 nov. 5, PsyArXiv, 37 s.

Event boundary perception among the visually impaired in audio described films

Johansson, R., Rastegar, T., Lyberg Åhlander, V. & Holsanova, J., 2023 okt. 24, (E-pub ahead of print) PsyArXiv, 33 s.

Spatiotemporal description of events in AD: the role of cognitive aspects and voice quality

Johansson, R., Holsanova, J., Lyberg Åhlander, V., Sombeck, E. & Rastegar, T., 2023 apr. 20, s. 15-17. 3 s.

A randomized controlled trial of the effectiveness of teacher continued professional development on student language outcomes

Sandgren, O., Andersson, K., Lyberg Åhlander, V., Rosqvist, I., Hansson, K. & Sahlén, B., 2023, I: International Journal of Language & Communication Disorders. 58, 3, s. 879-891 13 s.

How older adults relate to their own voices: a qualitative study of subjective experiences of the aging voice

Lindström, E., Öhlund Wistbacka, G., Lötvall, A., Rydell, R. & Lyberg Åhlander, V., 2023, I: Logopedics Phoniatrics Vocology. 48, 4, s. 163-171

NOISE AND ROOM ACOUSTICS - RISK FACTORS FOR VOICE DISORDERS AMONG MUSIC THERAPISTS?

Heikkola, L. M. & Åhlander, V. L., 2023, *Proceedings of Forum Acusticum 2023 - 10th Convention of the European Acoustics Association, EAA 2023*. European Acoustics Association, EAA

SELF-PERCEIVED VOCAL HEALTH AND SOCIAL PARTICIPATION AMONG OLDER ADULTS

Lindström, E., Wistbacka, G. Ö., Sahlén, B. & Åhlander, V. L., 2023, *Proceedings of Forum Acusticum 2023 - 10th Convention of the European Acoustics Association, EAA 2023*. European Acoustics Association, EAA

Teachers' descriptions of classroom communication after an SLP-led in-service training

Karjalainen, S., Lyberg Åhlander, V., Sahlén, B. & Houmann, A., 2023, I: *Logopedics Phoniatrics Vocology*. 48, 3, s. 137-145

TEACHERS' VOICE USE AND WELLBEING IN RELATION TO THE CLASSROOM ACOUSTICS AND BACKGROUND NOISE

Karjalainen, S., Sahlén, B., Christensson, J., Jonas, B. K. & Lyberg-Åhlander, V., 2023, *Proceedings of Forum Acusticum 2023 : 10th Convention of the European Acoustics Association, EAA 2023*. European Acoustics Association, EAA

VOICE LEVELS IN SIMULATED ROOM ACOUSTIC ENVIRONMENTS. SEX AND AGE DIFFERENCES

Wistbacka, G. Ö., Heuchel, F. M., Ahlander, V. L., Sahlén, B., Rydell, R., Mårtensson, J. & Brunskog, J., 2023, *Forum Acusticum 2023 - 10th Convention of the European Acoustics Association, EAA 2023*. European Acoustics Association, EAA, (Proceedings of Forum Acusticum).

Children's experiences of their learning environment: Psychometric properties of a questionnaire evaluating classroom environment, activities and interactions

Brännström, K. J., Karjalainen, S., Sahlén, B., Andersson, K., Lyberg-Åhlander, V. & Christensson, J., 2022, I: *Child Language Teaching and Therapy*. 38, 1, s. 59-77

Enhancing teachers' classroom communication skills – Measuring the effect of a continued professional development programme for mainstream school teachers

Andersson, K., Sandgren, O., Rosqvist, I., Lyberg Åhlander, V., Hansson, K. & Sahlén, B., 2022, I: *Child Language Teaching and Therapy*. 38, 2, s. 166-179

Perceived listening effort in children with hearing loss: listening to a dysphonic voice in quiet and in noise

Brännström, K. J., Lyberg-Åhlander, V. & Sahlén, B., 2022, I: *Logopedics Phoniatrics Vocology*. 47, 1, s. 1-9

Word definition skills in elementary school children - The contribution of bilingualism, cognitive factors, and social factors

Rosqvist, I., Andersson, K., Sandgren, O., Lyberg-Åhlander, V., Hansson, K. & Sahlén, B., 2022, I: *International Journal of Speech-Language Pathology*. 24, 6, s. 596-606

How the blind audience receive and experience audio descriptions of visual events – a project presentation

Holsanova, J., Johansson, R. & Lyberg Åhlander, V., 2020 juli 3, s. 39-41. 3 s.

A pilot study on the relationship between primary-school teachers' well-being and the acoustics of their classrooms

Karjalainen, S., Brännström, J. K., Christensson, J., Sahlén, B. & Lyberg-Åhlander, V., 2020 mars 21, I: *International Journal of Environmental Research and Public Health*. 17, 6, 2083.

Audio-visual speech comprehension in noise with real and virtual speakers

Nirme, J., Sahlén, B., Lyberg Åhlander, V., Brännström, J. & Haake, M., 2020, I: *Speech Communication*. 116, s. 44-55 12 s.

Children Listen: Psychological and Linguistic Aspects of Listening Difficulties During Development

Sahlén, B., Brännström, J., Lyberg Åhlander, V. & Rudner, M., 2020, I: *Frontiers in Psychology*. 11, 584034.

Children's development of semantic verbal fluency during summer vacation versus during formal schooling

Rosqvist, I., Sandgren, O., Andersson, K., Hansson, K., Lyberg-Åhlander, V. & Sahlén, B., 2020, I: *Logopedics Phoniatrics Vocology*. 45, 3, s. 134-142 9 s.

Implementation and evaluation of a teacher intervention program on classroom communication

Karjalainen, S., Sahlén, B., Falck, A., Brännström, J. & Lyberg Åhlander, V., 2020, I: *Logopedics Phoniatrics Vocology*. 45, 3, s. 110-122 13 s.

Passage comprehension performance in children with cochlear implants and/or hearing aids: the effects of voice quality and multi-talker babble noise in relation to executive function

Brännström, K. J., von Lochow, H., Lyberg Åhlander, V. & Sahlén, B., 2020, I: *Logopedics Phoniatrics Vocology*. 45, 1, s. 15-23 9 s.

Prevalence of Voice Disorders in the General Population, Based on the Stockholm Public Health Cohort

Lyberg-Åhlander, V., Rydell, R., Fredlund, P., Magnusson, C. & Wilén, S., 2019 nov., I: *Journal of Voice*. 33, 6, s. 900-905 6 s.

The contribution of bilingualism, parental education, and school characteristics to performance on the clinical evaluation of language fundamentals: Fourth edition, Swedish

Andersson, K., Hansson, K., Rosqvist, I., Åhlander, V. L., Sahlén, B. & Sandgren, O., 2019 juli 17, I: *Frontiers in Psychology*. 10, 1586.

Development of semantic verbal fluency and narrative ability during summer vacation versus formal schooling

Rosqvist, I., Andersson, K., Hansson, K., Lyberg Åhlander, V., Sandgren, O. & Sahlén, B., 2019 apr. 24.

Impact of language background and school factors on core language skills

Andersson, K., Hansson, K., Rosqvist, I., Lyberg Åhlander, V., Sahlén, B. & Sandgren, O., 2019 apr. 24.

A virtual speaker in noisy classroom conditions: supporting or disrupting children's listening comprehension?

Nirme, J., Haake, M., Lyberg Åhlander, V., Brännström, J. & Sahlén, B., 2019, I: *Logopedics Phoniatrics Vocology*. 44, 2, s. 79-86 8 s.

The influence of voice quality and multi-talker babble noise on sentence processing and recall performance in school children using cochlear implant and/or hearing aids

Brännström, K. J., von Lochow, H., Lyberg-Åhlander, V. & Sahlén, B., 2019, I: *Logopedics Phoniatrics Vocology*. 44, 2, s. 87-94

Absolute or relative voice rest after phonosurgery: a blind randomized prospective clinical trial

Whitling, S., Lyberg-Åhlander, V. & Rydell, R., 2018 okt. 2, I: *Logopedics Phoniatrics Vocology*. 43, 4, s. 143-154

Listening comprehension and listening effort in the primary school classroom

Rudner, M., Lyberg-Åhlander, V., Brännström, J., Nirme, J., Pichora-Fuller, M. K. & Sahlén, B., 2018 juli 12, I: *Frontiers in Psychology*. 9, JUN, 1193.

Immediate passage comprehension and encoding of information into long-term memory in children with normal hearing: The effect of voice quality and multitalker babble noise

Brännström, K. J., von Lochow, H., Åhlander, V. L. & Sahlén, B., 2018 juni 1, I: *American Journal of Audiology*. 27, 2, s. 231-237 7 s.

Is children's listening effort in background noise influenced by the speaker's voice quality?

Sahlén, B., Haake, M., von Lochow, H., Holm, L., Kastberg, T., Brännström, J. & Lyberg-Åhlander, V., 2018, I: *Logopedics Phoniatrics Vocology*. 43, 2, s. 47-55

Spoken Language and Language Impairment in Deaf and Hard-of-Hearing Children: Fostering Classroom Environments for Mainstreamed Children

Sahlén, B., Hansson, K., Lyberg Åhlander, V. & Brännström, J., 2018, *Cover Evidence-Based Practices in Deaf Education*. Knoors, H. & Marshark, M. (red.). Oxford University Press, s. 1-21

The effect of voice quality and competing speakers in a passage comprehension task: performance in relation to cognitive functioning in children with normal hearing

von Lochow, H., Lyberg-Åhlander, V., Sahlén, B., Kastberg, T. & Brännström, J., 2018, I: Logopedics Phoniatrics Vocology. 43, 1, s. 11-19 9 s.

The effect of voice quality and competing speakers in a passage comprehension task: perceived effort in relation to cognitive functioning and performance in children with normal hearing

von Lochow, H., Lyberg-Åhlander, V., Sahlén, B., Kastberg, T. & Brännström, K. J., 2018, I: Logopedics Phoniatrics Vocology. 43, 1, s. 32-41

The influence of voice quality on sentence processing and recall performance in school-age children with normal hearing

Brännström, J., Kastberg, T., von Lochow, H., Haake, M., Sahlén, B. & Lyberg-Åhlander, V., 2018, I: Speech, Language and Hearing. 21, 1, s. 1-9

How Children Perceive the Acoustic Environment of Their School

Brännström, J., Johansson, E., Vigertsson, D., Morris, A. D., Sahlén, B. & Lyberg-Åhlander, V., 2017 mars 1, I: Noise and Health. 19, 87, s. 84-94 11 s.

Choral singing under the microscope: Identifying vocal leaders through comparison of individual recordings of the singers

Zadig, S., Folkestad, G. & Lyberg Åhlander, V., 2017, I: Finnish Journal of Music Education. 20, FJME 01 2017, s. 77-98 22 s.

Long-Time Voice Accumulation During Work, Leisure, and a Vocal Loading Task in Groups With Different Levels of Functional Voice Problems

Whitling, S., Lyberg-Åhlander, V. & Rydell, R., 2017, I: Journal of Voice. 31, 2, s. 246.e1-246.e10

Recovery From Heavy Vocal Loading in Women With Different Degrees of Functional Voice Problems

Whitling, S., Lyberg-Åhlander, V. & Rydell, R., 2017, I: Journal of Voice. 31, 5, s. 645.e1-645.e14

Multi-track recordings of choral singers: Development and validation of a method to identify activities and interaction in the choral voice, based on recordings of the individual singers.

Zadig, S., Folkestad, G. & Lyberg Åhlander, V., 2016 dec., I: Bulletin of empirical music education research. 7, 1, s. 1-20

Körsångares erfarenhet av informellt ledarskap i körstämman

Zadig, S., Lyberg Åhlander, V. & Folkestad, G., 2016, I: Svensk tidskrift för musikforskning STM-SJM. 98, 3, s. 23-44

Part summary of the project 'Speakers' Comfort': Teachers' voice use in teaching environments

Lyberg-Åhlander, V., Rydell, R., Löfqvist, A., Pelegrin-García, D. & Brunskog, J., 2015 dec. 1, I: Building Acoustics. 22, 3-4, s. 209-224 16 s.

Teachers 'voice use in teaching environment. Aspects on speakers' comfort

Lyberg-åhlander, V., Rydell, R., Löfqvist, A., Pelegrin-García, D. & Brunskog, J., 2015 nov. 1, I: Energy Procedia. 78, s. 3090-3095 6 s.

Are children with stronger cognitive capacity more or less disturbed by classroom noise and dysphonic teachers?

Lyberg Åhlander, V., Holm, L., Kastberg, T., Haake, M., Brännström, J. & Sahlén, B., 2015, I: International Journal of Speech-Language Pathology. 17, 6, s. 577-588

Children's Subjective Ratings and Opinions of Typical and Dysphonic Voice After Performing a Language Comprehension Task in Background Noise.

Brännström, J., Holm, L., Lyberg Åhlander, V., Haake, M., Kastberg, T. & Sahlén, B., 2015, I: Journal of Voice. 29, 5, s. 624-630

Design of a Clinical Vocal Loading Test With Long-Time Measurement of Voice.

Whitling, S., Rydell, R. & Lyberg Åhlander, V., 2015, I: *Journal of Voice*. 29, 2, s. 261.e13

Does the speaker's voice quality influence children's performance on a language comprehension test?

Lyberg Åhlander, V., Haake, M., Brännström, J., Schötz, S. & Sahlén, B., 2015, I: *International Journal of Speech-Language Pathology*. 17, 1, s. 63-73

On the interaction of speakers' voice quality, ambient noise and task complexity with children's listening comprehension and cognition.

Lyberg Åhlander, V., Brännström, J. & Sahlén, B., 2015, I: *Frontiers in Psychology*. 6, 871.

Psychotropic drug use in adolescents born with an orofacial cleft: a population-based study.

Nilsson, S., Merlo, J., Lyberg Åhlander, V. & Psouni, E., 2015, I: *BMJ Open*. 5, 4, e005306.

Experiencing the role of PBL tutor.

Lyberg Åhlander, V., Lundskog, M. & Hansson, K., 2014, I: *Clinical Linguistics & Phonetics*. 28, 1-2, s. 36-46

How does the teacher's voice and background noise in the classroom affect children's comprehension and learning

Lyberg Åhlander, V., Haake, M., Brännström, J., Schötz, S. & Sahlén, B., 2014.

Teachers' Voice Use in Teaching Environments: A Field Study Using Ambulatory Phonation Monitor.

Lyberg Åhlander, V., Pelegrín García, D., Whitling, S., Rydell, R. & Löfqvist, A., 2014, I: *Journal of Voice*. 28, 6, s. 841.e5

How Do Teachers With Self-Reported Voice Problems Differ From Their Peers With Self-Reported Voice Health?

Lyberg Åhlander, V., Rydell, R. & Löfqvist, A., 2012, I: *Journal of Voice*. 26, 4, s. E149-E161

Spelar logopedens röst roll för barns språkförståelse

Lyberg Åhlander, V., Haake, M., Brännström, J., Schötz, S., Johansson, M. & Sahlén, B., 2012.

Speaker's Comfort in Teaching Environments: Voice Problems in Swedish Teaching Staff.

Lyberg Åhlander, V., Rydell, R. & Löfqvist, A., 2011, I: *Journal of Voice*. 25, s. 430-440

Voice use in teaching environments: Speakers' comfort

Lyberg Åhlander, V., 2011, Lund University. 178 s.

Throat related symptoms and voice: development of an instrument for self assessment of throat-problems

Lyberg Åhlander, V., Rydell, R., Eriksson, J. & Schalén, L., 2010 maj 27, I: *BMC Ear, Nose and Throat Disorders*. 10, 5.

Influence of classroom acoustics on the voice levels of teachers with and without voice problems

Pelegrin-Garcia, D., Lyberg Åhlander, V., Rydell, R., Brunskog, J. & Löfqvist, A., 2010, *Proceedings of Meetings on Acoustics*. Acoustical Society of America, Vol. 11. 9 s.

Automatic speech recognition (ASR) and its use as a tool for assessment or therapy of voice, speech, and language disorders

Kitzing, P., Maier, A. & Lyberg Åhlander, V., 2009, I: *Logopedics Phoniatrics Vocology*. s. 1-6

Hoarseness as a Sign of Possible Nonspecific Mucosal Hyperreactivity in Vocal Tract.

Lyberg Åhlander, V., Malm, L. & Schalén, L., 2009, I: *Journal of Voice*. 23, s. 707-715

Studenters utveckling av generella kompetenser genom PBL: tankar kring tutors interventioner

Hansson, K., Lyberg Åhlander, V. & Lundskog, M., 2009, *Proceedings Utvecklingskonferens Lunds universitet 2009*. Sonesson, A. & Amné, G. (red.). Lednings- och kompetensutveckling/CED, s. 61-61 1 s.

Projekt

ADACOM: Audio description for accessible communication/ Syntolkning för tillgänglig kommunikation

Holsanova, J., Johansson, R., Lyberg Åhlander, V., Lindgren, M. & Mårtensson, J.
2019/01/01 → 2024/06/30

AVaCO: Artistic Vocal and Choral Order(s) - ASG, Pufendorf IAS

Geisler, U., Johansson, K., Lyberg Åhlander, V., Wilén, S. & Zadig, S.
2014/08/14 → 2015/08/14

Bättre kommunikation och lärande i klassrum. Undersökning av effekterna av en lärarfortbildning i barnens vardagliga ljudmiljöer.

Karjalainen, S., Lyberg Åhlander, V., Sahlén, B., Houmann, A. & Brännström, J.
2016/09/01 → ...

Better communication and learning in the classroom. Measuring the effect of teacher training on children's language skills.

Rosqvist, I., Hansson, K., Sahlén, B., Andersson, K., Sandgren, O. & Lyberg Åhlander, V.
2017/08/15 → 2024/05/31

SKOL: Effektiv interaktion för optimal språkutveckling och lärande i klassrummet. Lärare och barn i en randomiserad kontrollerad studie

Sahlén, B., Sandgren, O., Hansson, K., Lyberg Åhlander, V., Andersson, K. & Rosqvist, I.
Skolforskningsinstitutet
2017/01/01 → 2020/12/31

Förbättrade diagnoser för barn med kommunikativa svårigheter - Digitala TROG-2

Haake, M., Gulz, A., Hansson, K., Lyberg Åhlander, V. & Sahlén, B.
2009/01/01 → 2012/12/31

How the blind audience receive and experience audio descriptions of visual events

Holsanova, J., Johansson, R. & Lyberg Åhlander, V.
2019/12/01 → 2021/12/31

How the blind audience receive and experience audio descriptions of visual events

Johansson, R., Holsanova, J. & Lyberg Åhlander, V.
2019/01/01 → 2023/12/31

Kommunikation, en utmaning för äldre i aktivt arbetsliv: Identifiering av den kommunikationsstödjande arbetsplatsen

Lyberg Åhlander, V., Rydell, R., Wiegert, P., Brunskog, J., Sahlén, B. & Mårtensson, J.
Forte, Forskningsrådet för hälsa, arbetsliv och välfärd
2019/07/01 → 2021/12/31

Speakers' Comfort and Vocal Health in Teaching Environment

Lyberg Åhlander, V., Brunskog, J., Rydell, R., Löfqvist, A. & Whitting, S.
2008/02/01 → 2016/12/31

Teaching and learning in diverse and noisy class-rooms: Taking knowledge from the lab to implementation in teacher education

Sahlén, B., Lyberg Åhlander, V., Brännström, J., Nirme, J., Karjalainen, S., Houmann, A. & Falk, A.
Stiftelsen Marcus och Amalia Wallenbergs Minnesfond
2016/12/15 → 2020/03/30

The influence of non-verbal and environmental factors on sentence comprehension in children

Haake, M., Gullberg, M., Gulz, A., Nirme, J., Brännström, J., Lyberg Åhlander, V. & Sahlén, B.

2014/01/01 → 2019/12/31

Vocal loading and vocal recovery

Lyberg Åhlander, V., Rydell, R. & Whitting, S.

2012/08/01 → 2016/12/31