

ELAINE R. SMOLEN, PhD, CED, LSLs Cert. AVEd

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EDUCATION

- PhD** **Teachers College, Columbia University** May 2020
Deaf and Hard of Hearing Education
Dissertation: *Factors Influencing Language and Reading Development in Young Children with Hearing Loss who use Listening and Spoken Language*
Advisor: Dr. Ye Wang
- MAT** **The College of New Jersey, Ewing, NJ** December 2009
Deaf and Hard of Hearing/Elementary Education
- BS** **The College of New Jersey, Ewing, NJ** December 2008
Deaf and Hard of Hearing/Elementary Education; English, *summa cum laude*

ACADEMIC AND PROFESSIONAL POSITIONS

- Visiting Assistant Professor** *2021-Present*
Teachers College, Columbia University
- Develop and instruct five courses for master's and doctoral students in the Applied Sciences of Learning and Special Education Cluster.
 - Advise eight doctoral students in the Deaf and Hard of Hearing program.
 - Lead TC DHH Lab's research initiatives in language and literacy development for children with hearing loss, including longitudinal reading project and parent-infant eye-tracking study.
 - Manage COLumbia COLlaborate (CoCo), program's OSEP-funded H325K grant for interdisciplinary personnel preparation.
- Postdoctoral Visiting Scholar** *2020-2021*
The Ohio State University, Columbus, OH
Advisor: Dr. Derek Houston
- Conducted NIH-funded parent-infant eye-tracking (PIE) study investigating joint attention, word-learning, and interactions between parents and their toddlers with cochlear implants.
 - Coordinated research collaboration on young children with hearing loss between Teachers College, Columbia University and The Ohio State University.
- Adjunct Faculty** *2017-2021*
The College of New Jersey, Ewing, NJ
- Developed and instructed DHH 105: Programs and Services for Students who are Deaf or Hard of Hearing and DHH 303: Language Development in Individuals who are Deaf/Hard of Hearing.
 - Supervised teacher candidates from undergraduate and graduate programs in education of the deaf and hard of hearing at diverse semester-long placement sites.
 - Observed and provided detailed feedback on lesson planning and delivery using program-specific rubrics.

Adjunct Assistant Professor

2018-2021

Teachers College, Columbia University

- Developed and implement HBSE 4300: Assessment and Evaluation of Infants, Children, and Youth who are Deaf/Hard of Hearing, HBSE 4073: Developing Speech, Language, & Communication for Children who are Deaf/Hard of Hearing, and HBSE 4000: Introduction to Special Education.
- Facilitated hands-on, practical experience with administration and scoring of variety of assessment tools.
- Trained, coordinated, and supervised 10 graduate, undergraduate, and high-school research assistants.

Independent Hearing Education Services Provider

2015-2019

New York City Department of Education

Listening Partners, Inc., Purchase, NY

- Provided home- and school-based, family-centered educational support for children with hearing loss in New York City and Westchester County.
- Strengthened language skills through parent coaching and curriculum-based instruction.
- Applied adult learning theory to counsel families on language development and guide them through educational decision-making.

Head Teacher of the Deaf/Hard of Hearing

2010-2016

Clarke Schools for Hearing and Speech/New York

- Planned and implemented language-rich instruction for a diverse class of prekindergarten students using auditory-verbal practice.
- Performed developmental evaluations for early-intervention services for children with hearing loss from infancy through age two.
- Provided family-centered auditory-verbal teletherapy through pilot tVisit program.
- Maintained and troubleshoot cochlear implant processors, hearing aids, soundfield amplification, and personal FM / Roger systems.
- Partnered with parents of diverse backgrounds to ensure carryover of skills in the home and select appropriate kindergarten placement/services.
- Mentored and trained seven student teachers through Teachers College, Hunter College, Smith College, and Vanderbilt University.

Teacher of the Deaf

2010

HIP, Bergen County Special Services School District

- Partnered with the general education teacher to adapt all areas of instruction to meet the needs of five students with hearing loss in a first-grade collaborative classroom as a long-term substitute teacher.

SCHOLARSHIP

AWARDS & HONORS

1st Runner-Up, Best Lightning Talk, Psychology@TC Conference

2021

National Leadership Consortium in Sensory Disabilities Scholar

2016-2020

Honorable Mention, CI2019 Student Poster Competition

2019

Completed College Honors Program, The College of New Jersey

2008

Phi Kappa Phi Honor Society, The College of New Jersey

2008

Kappa Delta Pi Honor Society in Education, The College of New Jersey

2007

Full academic undergraduate scholarship, The College of New Jersey

2005-2008

GRANTS (FUNDED)

Office of Special Education Programs, US Department of Education 2019-2024
Columbia Collaborate (CoCo): Cross-disciplinary Opportunities to Improve Communication Outcomes, Interdisciplinary Preparation in Special Education, Early Intervention, and Related Services for Personnel Serving Children with Disabilities who have High-Intensity Needs
Office of Special Education Programs (OSEP) US Department of Education (325K)
\$1,250,000
Co-Project Directors: Levy & Hartman
Assistant Project Director: Smolen

CI2019 Student Scholarship 2019
16th Symposium on Cochlear Implants in Children
American Cochlear Implant Alliance

Dean's Grant for Student Research 2018
The Impact of Language Input on the Language Development of Children with Hearing Loss
Teachers College, Columbia University
PI: Smolen

Provost's Investment Fund Grant 2017
READ UP: Toward Higher Reading Achievement for Children with Hearing Loss
Teachers College, Columbia University
Co-PIs: Wang, Hartman, & Smolen

Rapid Prototyping Grant 2017
Certificate Program in Auditory Verbal Excellent (PAVE)
Teachers College, Columbia University
Co-PIs: Wang, Hartman, Rosenzweig, & Smolen

Provost's Grant for Professional Development 2016, 2018, 2019
Support for Presentations at Professional Conferences
Teachers College, Columbia University

GRANTS (UNDER REVIEW AND UNFUNDED)

Office of Special Education Programs, US Department of Education 2022; not funded
The COACH Project: Collaborating to Optimize Achievement for Children with Hearing Loss, Interdisciplinary Preparation in Special Education, Early Intervention, and Related Services for Personnel Serving Children with Disabilities who have High-Intensity Needs
Office of Special Education Programs (OSEP) US Department of Education (325K)
\$1,250,000
Co-Project Directors: Rosenzweig & Smolen
Program Director: Hartman

PEER-REVIEWED PUBLICATIONS

Smolen, E. R., & Paul, P. V. (2023). Perspectives on identity and d/Deaf and hard of hearing students. Manuscript submitted for publication.

Rosenzweig, E. A., **Smolen, E. R.**, Hartman, M. C., Powell, B., & Alruwaili, T. (2023). Adoption of children with hearing loss: A qualitative study of parents' experiences. Manuscript submitted for publication.

Hartman, M. C., **Smolen, E. R.**, & Powell, B. (in press). Curriculum and instruction for deaf and hard of hearing students: Evidence from the past, considerations for the future. *Education Sciences*.

Rufsvold, R., **Smolen, E. R.**, Hartman, M. C., & Fleming, L. A. A. (2023). Parents' perspectives of early intervention services for their children who are deaf/hard of hearing. *Journal of Early Intervention*. <https://doi.org/10.1177/10538151231155409>

Guan, C. Q., **Smolen, E. R.** (2022). Visual-motor integration in language learning among deaf and hard of hearing children. *American Annals of the Deaf*, 166(3), 355-371. <https://doi.org/10.1353/aad.2022.0032>

Yao, R., Guan, C. Q., **Smolen, E. R.**, MacWhinney, B., Meng, W., & Morett, L., M. (2022). Gesture-speech integration in deaf and hard of hearing adolescents. *Frontiers in Psychology*, 13, 890962. <https://doi.org/10.3389/fpsyg.2022.890962>

Yin, J., Guan, C. Q., **Smolen, E. R.**, Geva, E., & Meng, W. (2022). Does early exposure to Chinese-English biliteracy enhance cognitive skills? *Frontiers in Psychology*, 13, 852437. <https://doi.org/10.3389/fpsyg.2022.852437>

Rosenzweig, E. A., & **Smolen, E. R.** (2021). Providers' rates of auditory-verbal strategy utilization. *The Volta Review*, 120(2), 79-95. <https://doi.org/10.17955/tvr.120.2.815>

Guan, C. Q., **Smolen, E. R.**, Booth, J., & Meng, W. (2021). Effect of handwriting on early visual perceptual mechanism in Chinese children and adults. *Frontiers in Psychology*, 12, 628160. <https://doi.org/10.3389/fpsyg.2021.628160>

Smolen, E. R., Wang, Y., Hartman, M. C., & Lee, Y. (2021). Effects of parents' mealtime conversation techniques for preschool children with hearing loss who use listening and spoken language. *Journal of Speech, Language, and Hearing Research*, 64(3), 979-992. https://doi.org/10.1044/2020_JSLHR-20-00420

Smolen, E. R., Hartman, M. C., & Wang, Y. (2020). Reading achievement in children with hearing loss who use listening and spoken language: Results and implications from a 2-year study. *Perspectives of the ASHA Special Interest Groups*, 5(4), 1380-1387. https://doi.org/10.1044/2020_PERSP-20-10006

Arora, S. B., **Smolen, E.R.**, Wang, Y., Hartman, M. C., Rufsvold, R., & Howerton Fox, A. (2020). Language environments and spoken language development of children with hearing loss. *Journal of Deaf Studies and Deaf Education*, 25(4), 457-468. <https://doi.org/10.1093/deafed/ena018>

Rufsvold, R., Wang, Y., Hartman, M. C., Arora, S. B., & **Smolen, E. R.** (2018). The impact of language input on deaf and hard of hearing preschool children who use listening and spoken language. *American Annals of the Deaf*, 163(1), 35-60. <https://doi.org/10.1353/aad.2018.0010>

BOOK CHAPTERS

MacIver-Lux, K., **Smolen, E. R.**, Rosenzweig, E. A., & Estabrooks, W. (2020). Strategies for listening, talking, and thinking in auditory-verbal therapy. In W. Estabrooks, K. MacIver-Lux, & H. M. Morrison (Eds.), *Auditory-verbal therapy: Science, research and practice*. Plural Publishing.

Glade, R., Rosenzweig, E. A., & **Smolen, E. R.** (2019). Development of auditory skills. In R. Glade & K. Frazier (Eds.), *Communication disorders: Foundations and clinical applications for educators and emerging clinicians*. Kendall Hunt Publishing.

OTHER PUBLICATIONS

Smolen, E. R. (2022, April 6). *The evolution of deaf and hard of hearing education at Teachers College*. Columbia News. <https://news.columbia.edu/news/evolution-deaf-and-hard-hearing-education-teachers-college>

Hartman, M. C., Arora, S. B., Falk, J. L., Francisco, M. P. B., Howerton-Fox, A., Montgomery, J., Nicolarakis, O. D., Rosenzweig, E. A., Rufsvold, R., Shi, L., Silvestri, J., **Smolen, E. R.**, & Veyvoda, M. A. (2021). A dear colleague, friend, and mentor: Tributes to Dr. Ye (Angel) Wang from her Teachers College community. *American Annals of the Deaf*, 166(1), 76-81.
<https://doi.org/10.1353/aad.2021.0015>

Rosenzweig, E. A., **Smolen, E. R.**, & Hartman, M. (2018). Serving families who have adopted children with hearing loss. *The Hearing Journal*, 71(11), 12-13.

ASSESSMENTS & CURRICULAR MATERIALS

Hartman, M. C., & **Smolen, E. R.** (2020). *The Reading CASLLS*. Sunshine Cottage.

Smolen, E. R., & Hartman, M. C. (2020). *The Reading CASLLS user manual*. Sunshine Cottage.

RESEARCH EXPERIENCE

Principal Investigator 2018-Present
The Impact of Language Input on the Language Development of Children with Hearing Loss
Teachers College, Columbia University, The Ohio State University, University of Connecticut, & Kentalis (Netherlands)

Principal Investigator 2018-Present
Factors in Reading Achievement for Children with Hearing Loss
Teachers College, Columbia University

Co-Investigator 2018-Present
Outcomes of Deaf and Hard-of-Hearing Infants and Toddlers Enrolled in a Listening and Spoken Language Center-Based Program
Teachers College, Columbia University

Co-Investigator 2017-Present
Adoption of Children with Hearing Loss: Parents' Perspectives
Teachers College, Columbia University

Principal Investigator 2017-2018
Does Telephone Training Increase Phone Use and Auditory Identification Skills in Adults with Cochlear Implants?
Teachers College, Columbia University

Research Team 2016-2020
The Impact of Quality and Quantity of Language Input on the Language Development of Auditory-Oral Preschool Children with Hearing Loss, One Year Follow-Up
Teachers College, Columbia University

Research Team 2016
Pilot Study on the Impact of Quality and Quantity of Sign-Language Input on the Language Development of Deaf Children
Teachers College, Columbia University

Data Manager 2013-2016
Listening and Spoken Language Data Repository (LSL-DR)
Clarke Schools for Hearing and Speech/New York

Exemplary Teacher 2014
Quantifying Best Practice of Deaf and Hard of Hearing Educators Relative to Audiological Perspectives
Hunter College, City University of New York

Undergraduate Summer Research Assistant

2008

Review of the Literature in Literacy and Deafness
The College of New Jersey

PRESENTATIONS

Smolen, E. R., Hartman, M. C., Powell, B., & Alruwaili, T. (2023, June). *Reading fluency: The missing link for comprehension?* Paper presented at the AG Bell Global Listening and Spoken Language Virtual Symposium (accepted).

Smolen, E. R., Hartman, M. C., Powell, B., & Alruwaili, T. (2023, June). *Getting ready to be readers: Preliteracy during COVID and beyond.* Paper presented at the CI2023 Cochlear Implants in Children and Adults Symposium, Dallas, TX (accepted).

Rosenzweig, E. A., & **Smolen, E. R.** (2023, June). *Coaching practices implementation in family-centered listening and spoken language intervention.* Paper presented at the CI2023 Cochlear Implants in Children and Adults Symposium, Dallas, TX (accepted).

Powell, B., **Smolen, E. R.,** & Hartman, M. C. (2023, June). *Exploring the use of listening and spoken language strategies in caregiver-child interactions.* Paper and poster presented at the CI2023 Cochlear Implants in Children and Adults Symposium, Dallas, TX (accepted).

Smolen, E. R. (2023, March). *Sign language, spoken language, and the development of English literacy.* Paper presented at the virtual International Mini-Conference of University of Tsukuba and The Ohio State University.

Smolen, E. R., Hartman, M. C., Powell, B., & Alruwaili, T. (2023, March). *Getting ready to be readers: Preliteracy during the EHDI period.* Paper presented at Early Hearing Detection and Intervention (EHDI) annual meeting, Cincinnati, OH.

Berger, M., Hall, D., Hartman, M. C., & **Smolen, E. R.** (2023, March). *Parental experiences following the birth of a child with microtia/atresia.* Paper presented at Early Hearing Detection and Intervention (EHDI) annual meeting, Cincinnati, OH.

Smolen, E. R., Davenport, C., Cooke, M., Wang, Y., & Houston, D. (2023, March). *Quantity AND quality: Vocal contingency and joint engagement in parent-child interactions.* Poster presented at Early Hearing Detection and Intervention (EHDI) annual meeting, Cincinnati, OH.

Powell, B., **Smolen, E. R.,** Hartman, M. C., & Rufsvold, R. (2023, March). *Exploring the use of listening and spoken language strategies in caregiver-child interactions.* Poster presented at Early Hearing Detection and Intervention (EHDI) annual meeting, Cincinnati, OH.

Hartman, M. C., & **Smolen, E. R.** (2023, March). *Beyond the classroom: Interdisciplinary preparation for deaf education professionals.* Paper presented at the Council for Exceptional Children (CEC) annual convention, Louisville, KY.

Smolen, E. R., Hartman, M. C., & Powell, B. (2023, February). *Beyond the classroom: Interdisciplinary preparation for preservice SLPs and teachers of the deaf.* Paper presented at the annual conference of the Association of College Educators – Deaf and Hard of Hearing (ACE-DHH), San Antonio, TX.

Davenport, C., **Smolen, E. R.,** Cooke, M., Wang, Y., & Houston, D. (2023, February). *Quantity AND quality: Vocal contingency and joint engagement in parent-child interactions.* Paper presented at the annual conference of the Association of College Educators – Deaf and Hard of Hearing (ACE-DHH), San Antonio, TX.

- Smolen, E. R.,** Hartman, M. C., & Powell, B. (2022, November). *Beyond the classroom: Interdisciplinary preparation for preservice SLPs and teachers of the deaf*. Paper presented at the American Speech-Language-Hearing Association (ASHA) Convention, New Orleans, LA.
- Smolen, E. R.,** & Hartman, M. C. (2022, July). *Beyond the classroom: Interdisciplinary preparation for preservice professionals*. Poster presented at the virtual OSEP Leadership & Project Directors' Conference.
- Rufsvold, R., **Smolen, E. R.,** & Hartman, M. C. (2022, April). *Caregivers' perspectives of early intervention services for their child who is deaf/hard of hearing*. Paper presented at annual meeting of the American Educational Research Association (AERA), San Diego, CA.
- Smolen, E. R.,** Hartman, M. C., & Powell, B. (2022, March). *Beyond the classroom: Interdisciplinary preparation for preservice EHDI professionals*. Paper presented at Early Hearing Detection & Intervention (EHDI) annual meeting, Cincinnati, OH.
- Smolen, E. R.,** & Hartman, M. C. (2022, February). *Reading CASLLS: Shaping literacy instruction in the 21st century*. Paper presented at the annual conference of the Association of College Educators – Deaf and Hard of Hearing (ACE-DHH), Omaha, NE.
- Rufsvold, R., **Smolen, E. R.,** & Hartman, M. C. (2022, January). *Caregivers' perspectives of early intervention services for their child who is deaf/hard of hearing*. Paper presented at the Council for Exceptional Children (CEC) annual convention, Orlando, FL.
- Smolen, E. R.** (2021, June). *Effects of parents' conversation techniques on children's language development*. Paper presented at The Society of Language's Embodied Language Forum, Beijing Culture and Language University, Beijing, China.
- Smolen, E. R.,** Hartman, M. H., Powell, B., Lee, Y., and Wang, Y. (2021, April). *Effects of parents' mealtime conversation techniques for preschool children with hearing loss who use listening and spoken language*. Lightning talk presented at the Institute for Psychological Science Psychology@TC Conference, New York, NY.
- Smolen, E. R.,** Powell, B., Rosenzweig, E. A., & Hartman, M. C. (2021, April). *Adoption of children with hearing loss: Parents' perspectives*. Lightning talk presented at the Institute for Psychological Science Psychology@TC Conference, New York, NY.
- Smolen, E. R.,** Wang, Y., Hartman, M. C., & Lee, Y. (2021, April). *Effects of parents' mealtime conversation techniques for children with hearing loss who use spoken language*. Paper presented at virtual annual meeting of the American Educational Research Association (AERA).
- Smolen E. R.,** Rosenzweig, E. A., & Hartman, M. C. (2021, April). *Parents' perspectives on adoption of children with hearing loss*. Paper presented at the CI2021 International Virtual Symposium.
- Smolen, E. R.,** & Hartman, M. C. (2021, March). *Read up: Early fluency and literacy development for children learning listening and spoken language*. Poster presented at the Early Hearing Detection & Intervention (EHDI) virtual annual meeting.
- Hartman, M. C., & **Smolen, E. R.** (2021, March). *Read up: A new era of reading achievement for children with hearing loss who use listening and spoken language*. Paper presented at the Controversial issues in Pediatric Audiology virtual conference.
- Rufsvold, R., **Smolen, E. R.,** Hartman, M. C., Wang, Y., & Covello, L. (2021, March). *Caregiver perceptions and use of listening and spoken strategies for DHH students*. Paper presented at the California Speech Language Hearing Association (CSHA) virtual conference.

Smolen, E. R., Hartman, M. C., Dorman, M., & Zapata, B. (2020, October). *Read up! The new era of reading achievement in deaf children learning listening and spoken language*. Paper presented at the International Literacy Association (ILA) conference, Columbus, OH (accepted).

Smolen, E. R., & Hartman, M. C. (2020, July). *Parents' use of mealtime conversation techniques*. Paper presented at the AG Bell Global Listening and Spoken Language Virtual Symposium.

Smolen, E. R., & Smolder, A. R. (2020, July). *Their hearing loss? Their gain! Student-driven inquiries*. Workshop presented at the AG Bell Global Listening and Spoken Language Symposium, Baltimore, MD (accepted).

Dorman, M., Hartman, M. C., **Smolen, E. R.,** & Rufsvold, R. (2020, April). *Read up! Teaming up to tell the new story of reading achievement for children who use listening and spoken language*. Paper presented at the OPTION Schools annual meeting, Durham, NC (accepted).

Smolen E. R., Rosenzweig, E. A., & Hartman, M. C. (2020, March). *Parents' perspectives on adoption of children with hearing loss*. Paper presented at the CI2020 International Symposium, Orlando, FL (accepted).

Smolen, E. R., Hartman, M. C., & Wang, Y. (2020, March). *Effects of parents' mealtime conversation techniques for young children with hearing loss who use listening and spoken language*. Paper presented at the Early Hearing Detection & Intervention (EHDI) annual meeting, Kansas City, MO.

Rufsvold, R., Hartman, M. C., **Smolen, E. R.,** Wang, Y., & Covello, L. (2020, March). *Caregiver perceptions and use of listening and spoken language strategies*. Poster presented at the Early Hearing Detection & Intervention (EHDI) annual meeting, Kansas City, MO.

Smolen, E. R., Hartman, M. C., Wang, Y., Rufsvold, R., Dorman, M., & Ritter, J. (2020, February). *Read up: Reading achievement in children with hearing loss in a listening and spoken language program*. Paper presented at the annual conference of the Association of College Educators – Deaf and Hard of Hearing (ACE-DHH), Atlanta, GA.

Rufsvold, R., Hartman, M. C., **Smolen, E. R.,** Wang, Y., & Covello, L. (2020, February). *Caregiver perceptions and use of listening and spoken language strategies*. Paper presented at the annual conference of the Association of College Educators – Deaf and Hard of Hearing (ACE-DHH), Atlanta, GA.

Rufsvold, R., Hartman, M. C., **Smolen, E. R.,** Wang, Y., & Covello, L. (2020, February). *Flourishing families: Attitudes and perspectives of parents raising deaf/hard-of-hearing infants/toddlers*. Paper presented at the Council for Exceptional Children Convention, Portland, OR (accepted).

Smolen, E. R., Hartman, M. C., Wang, Y., Rufsvold, R., Dorman, M., & Ritter, J. (2019, November). *Read up: Reading achievement in children with hearing loss learning listening and spoken language*. Paper presented at the American Speech-Language-Hearing Association (ASHA) Convention, Orlando, FL.

Smolen, E. R., Hartman, M. C., Wang, Y., Rufsvold, R., Dorman, M., & Ritter, J. (2019, July). *Read up: Reading achievement in children with hearing loss in a listening and spoken language program*. Paper presented at the CI2019 Pediatric Symposium, Hollywood, FL.

Smolen, E. R., Arora, S. B., Wang, Y., Hartman, M. C., & Rufsvold, R. (2019, July). *Language input and vocabulary development for children with hearing loss: 1-year follow-up*. Poster presented at the CI2019 Pediatric Symposium, Hollywood, FL.

Rufsvold, R., Hartman, M. C., **Smolen, E. R.**, Arora, S.B., & Wang, Y. (2019, July). *Flourishing families: Attitudes and perspectives of parents raising deaf/hard-of-hearing infants/toddlers*. Poster presented at the CI2019 Pediatric Symposium, Hollywood, FL.

Hartman, M. C., & **Smolen, E. R.** (2019, June). *Read up: Reading achievement in children with hearing loss in a listening and spoken language program*. Paper presented at the Deaf Children Now: Changing the Conversation Conference, Manchester, UK.

Arora, S. B., **Smolen, E. R.**, Wang, Y., Hartman, M. C., Howerton-Fox, A., & Rufsvold, R. (2019, April). *Examining language environments of children with hearing loss: Quantity or diversity?* Paper presented at annual meeting of the American Educational Research Association (AERA), Toronto, ON.

Smolen, E. R., Hartman, M. C., & Wang, Y. (2019, April). *Read up: Reading achievement in children with hearing loss in a listening and spoken language program*. Poster presented at the Institute for Psychological Science Psychology@TC Conference, New York, NY.

Rosenzweig, E. A., **Smolen E. R.**, & Hartman, M. C. (2019, March). *Parents' perspectives on adoption of children with hearing loss*. Paper presented at the Early Hearing Detection & Intervention (EHDI) annual meeting, Chicago, IL.

Rufsvold, R., **Smolen, E. R.**, Arora, S. B., Hartman, M. C., & Wang, Y. (2019, March). *Flourishing families: Attitudes and perspectives of parents raising deaf/hard-of-hearing infants/toddlers*. Poster presented at the Early Hearing Detection & Intervention (EHDI) annual meeting, Chicago, IL.

Rosenzweig, E. A., & **Smolen, E. R.** (2018, June). *Not just anyone will do: Trends in AV strategy utilization*. Paper presented at the convention of the Alexander Graham Bell Association for the Deaf and Hard of Hearing (AG Bell), Scottsdale, AZ.

Rosenzweig, E. A., **Smolen E. R.**, & Hartman, M. C. (2018, June). *Adoption of children with hearing loss: Research, resources, and perspectives*. Paper presented at the convention of the Alexander Graham Bell Association for the Deaf and Hard of Hearing (AG Bell), Scottsdale, AZ.

Smolen, E. R. (2018, April). *Research in vocabulary interventions for children with hearing loss who use listening and spoken language*. Poster presented at the Institute for Psychological Science Psychology@TC Conference, New York, NY.

Arora, S. A., **Smolen, E. R.**, Hartman, M. C., & Wang, Y. (2018, April). *Quality and quantity of language input and its relation to the language outcomes of preschool children with hearing loss who use listening and spoken language*. Poster presented at the Institute for Psychological Science Psychology@TC Conference, New York, NY.

Smolen, E. R. (2018, April). *Does telephone training increase phone use and auditory identification skills in adults with cochlear implants?* Poster presented at the Institute for Psychological Science Psychology@TC Conference, New York, NY.

Smolen, E. R. (2018, April). *Research in vocabulary interventions for children with hearing loss who use listening and spoken language*. Invited speaker presentation at the annual meeting of the American Educational Research Association (AERA), New York, NY.

Rufsvold, R., Wang, Y., Hartman, M. C., Arora, S., & **Smolen, E. R.** (2018, April). *Language input, language outcomes, vocabulary, and basic concept knowledge of auditory-oral DHH preschool children*. Invited speaker presentation at the annual meeting of the American Educational Research Association (AERA), New York, NY.

- Smolen, E. R.** (2018, March). *Does telephone training increase phone use and auditory identification skills in adults with cochlear implants?* Poster presented at the National Leadership Consortium in Sensory Disabilities (NLCS), ASCD Empower18 Pre-Conference Session, Boston, MA.
- Smolen, E. R.** (2018, March). *Does telephone training increase phone use and auditory identification skills in adults with cochlear implants?* Paper and poster presented at the CI2018 Emerging Issues in Cochlear Implantation Symposium, Washington, DC.
- Rosenzweig, E. A., & **Smolen, E. R.** (2018, March). *Professionals' rates of auditory verbal strategy utilization.* Paper presented at the CI2018 Emerging Issues in Cochlear Implantation Symposium, Washington, DC.
- Arora, S., **Smolen, E. R.**, Hartman, M. C., & Wang, Y. (2018, February). *Quality of language input—Does it really matter?* Paper presented at the annual conference of the Association of College Educators – Deaf and Hard of Hearing (ACE-DHH), Tucson, AZ.
- Smolen, E. R.**, & Smolen, A. R. (2017, October). *Their hearing loss? Their gain! Student-led inquiries into hearing loss.* Workshops presented at the 38th Annual Fall Conference on Mainstreaming Students with Hearing Loss, Marlborough, MA.
- Rufsvold, R., Hartman, H., Arora, S., & **Smolen, E. R.** (2017, June). *LENA: Research to practice with innovative technology.* Paper presented at the Alexander Graham Bell Association Listening and Spoken Language Symposium (AG Bell Symposium), Arlington, VA.
- Smolen, E. R.** (2017, April). *Using LENA technology with children who are deaf or hard of hearing: A systematic review.* Paper presented at the National Leadership Consortium in Sensory Disabilities (NLCS), AERA Pre-Conference Session, San Antonio, TX.
- Hartman, M., Wang, Y., & **Smolen, E. R.** (2017, February). *A systematic review of using LENA technology with deaf and hard-of-hearing populations.* Paper presented at the annual conference of the Association of College Educators – Deaf and Hard of Hearing (ACE-DHH). San Antonio, TX.
- Smolen, E. R.** (2016, April). *Now hear this: Serving children with hearing loss in early childhood programs.* Workshop presented at the Young Child Expo, New York, NY.
- Smolen, E. R.**, & Rodriguez, K. M. (2016, March). *It's all fun and games: Teaching language through play.* Workshop presented at Clarke Schools for Hearing and Speech, New York, NY.
- Smolen, E. R.**, & Garcia-Closky, J. M. (2012-2016, yearly). *Turning 5 and kindergarten parent training sessions.* Workshops presented at Clarke Schools for Hearing and Speech, New York, NY.
- Smolen, E. R.**, Garcia, J. M., & Toline, S. J. (2012, October). *FM ready (or not?): Developing readiness skills for young children.* Workshops presented at the 33rd Annual Conference on Mainstreaming Students with Hearing Loss, Springfield, MA.

GRADUATE COURSES TAUGHT

Study of the Philosophic Foundation of Special Education (HBSE 5010)

Instructor, Fall 2021, Fall 2022, Fall 2023
Teachers College, Columbia University

Language Development for the Deaf and Hard of Hearing (HBSE 4072)

Instructor, Fall 2021, Fall 2022, Fall 2023
Teachers College, Columbia University

Assessment and Evaluation of Learners who are Deaf and Hard of Hearing (HBSE 4300)

Instructor, Spring 2018, Spring 2019, Spring 2020, Spring 2021, Spring 2022, Spring 2023
 Teaching Assistant, Spring 2017
 Teachers College, Columbia University

Developing Speech, Language, & Communication for Children who are Deaf and Hard of Hearing (HBSE 4073)

Instructor, Spring 2020, Fall 2020, Spring 2022, Spring 2023
 Teachers College, Columbia University

Introduction to Special Education (HBSE 4000; Online Course)

Instructor, Summer 2020, Fall 2020, Summer 2021, Summer 2022, Summer 2023
 Teachers College, Columbia University

UNDERGRADUATE COURSES TAUGHT

Programs and Services for Children who are Deaf and Hard of Hearing (DHH 105)

Instructor, Spring 2020, Spring 2021
 The College of New Jersey

Language Development in Individuals who are Deaf/Hard of Hearing (DHH 303)

Instructor, Fall 2020
 The College of New Jersey

DISSERTATION COMMITTEES

Bryne Powell	PhD, Deaf and Hard of Hearing	Sponsor	2022-Present
Catherine Gaspar	PhD, Intellectual Disability/Autism	Committee Member	2023
Joanna Wilczewski	PhD, Applied Behavior Analysis	Committee Member	2022

SERVICE

EDITORIAL ACTIVITIES

American Annals of the Deaf

Associate Editor of Research Methodology	2023-Present
Research Methodologist	2021-2023

The Volta Review

Associate Editor	2018-Present
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American Cochlear Implant Alliance

	2022
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Association of College Educators-Deaf and Hard of Hearing

	2019, 2022
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Alexander Graham Bell Association for the Deaf and Hard of Hearing

Reviewed presentation proposals for annual symposia	2019
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Journal of Early Intervention

	2023
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Ear and Hearing

	2021
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Journal of Deaf Studies and Deaf Education

	2021, 2022
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Disability and Rehabilitation: Assistive Technology

	2021
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Journal of Speech, Language, and Hearing Research

	2019, 2020,
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	2022, 2023
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Critical Education

	2019
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American Annals of the Deaf

	2018, 2020,
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Reviewed manuscripts

SERVICE TO THE DEAF AND HARD OF HEARING PROGRAM, TEACHERS COLLEGE

Recruit program applicants by visiting undergraduate programs and organizations, presenting virtual information sessions, and promoting the program through professional networking and social media channels

Review applications and conduct interviews of program applicants

Provide ongoing advisement to doctoral students

Manage and approve **all doctoral degree audits**

Update and maintain **program website, including recruitment video**

Support program's accreditation compliance under Council for Education of the Deaf (CED), Association for Advancing Quality in Educator Preparation (AAQUEP), and Middle States Association of Colleges and Schools (MSA)

SERVICE TO TEACHERS COLLEGE, COLUMBIA UNIVERSITY

Barrier Removal Committee 2023-Present

Faculty Member Leader for Broadway Outing: Kimberly Akimbo 2023
Office of Graduate Student Life & Development

Piloted Ally Learning Management System Accessibility Tool 2022

Planned and led American Sign Language Workshop 2022
Family Day: Bring Your Kid(s) to TC

CONSULTING ACTIVITIES

Professional Development Consultant/Provider 2018-Present
Sunshine Cottage School for Deaf Children, San Antonio, TX

Expert Witness, Educator of the Deaf and Hard of Hearing 2019
Impartial Hearing, New York City Department of Education

LEADERSHIP

ACIA State Champion 2022-Present
American Cochlear Implant Alliance

Teacher Shortage Committee 2020-Present
OPTION Schools

EHDI Stakeholders Working Group 2020-2022
New Jersey Early Hearing Detection and Intervention Program

Psychology Students Coordinating Committee 2018-2019
Teachers College, Columbia University

Language Standard Development Committee 2018
Council on Education of the Deaf (CED)

Scholars' Meeting Planning Committee 2017
National Leadership Consortium in Sensory Disabilities (NLCS)

PROFESSIONAL ORGANIZATIONS

Alexander Graham Bell Association for the Deaf and Hard of Hearing (AG Bell)

American Cochlear Implant Alliance (ACI Alliance)

American Educational Research Association (AERA)

Association of College Educators – Deaf and Hard of Hearing (ACE-DHH)

Cochlear Implant International Community of Action (CIICA)

Council for Exceptional Children

Daylong Audio Recordings of Children’s Linguistic Environments (DARCLE)

National Leadership Consortium in Sensory Disabilities (NLCSD)

The Radical Middle: Unity, Not Uniformity in Deaf Education

Social Contingency Consortium

RELATED PROFESSIONAL EXPERIENCE

edTPA Scorer

2014-2018

Pearson

- Review and evaluate preservice teachers’ portfolio submissions prior to state licensure in the areas of special education and education of the deaf/hard of hearing.
- Score written responses to prompts, lesson materials, and video evidence of teaching using area-specific rubrics.
- Met strict qualification and requalification standards for scorers and completed 30 hours of training in the evaluation of teacher candidates.

PROFESSIONAL CREDENTIALS

Listening and Spoken Language Specialist, **LSLS Cert. AVEd**, AG Bell Academy

Professional Certificate, **Council on Education of the Deaf**

Professional Certificate, **Deaf and Hard of Hearing**, State of New York

Professional Certificate, **Childhood Education (Grades 1-6)**, State of New York

Standard Certificate, **Deaf or Hard of Hearing: Oral/Aural Communication**, State of New Jersey

Standard Certificate, **Deaf or Hard of Hearing: Sign Language Communication**, State of New Jersey

Standard Certificate, **Elementary with Subject Matter Specialization: Mathematics Grades 5-8**, State of New Jersey

Standard Certificate, **English**, State of New Jersey

Sign Language Proficiency Interview (SLPI), **Advanced Score**