

Project INSPIRE **Publications and Presentations**

This document contains publications and presentations about the work of the *Project INSPIRE* team between October 1, 2019 and September 30, 2024.

Publications

Herzberg, T. S., & McBride, C. R. (2024). Middle and high school students with visual impairments share about their experiences in learning a new braille code for mathematics and science. *Journal of Visual Impairment & Blindness*, 118(3) 141-150.

<https://doi.org/10.1177/0145482X241257>

Herzberg, T. S., & McBride, C. R. (2023). Experiences of teachers of students with visual impairments in learning and teaching a new braille code for mathematics and science. *Journal of Visual Impairment & Blindness*, 117(6), 429-439.

<https://doi.org/10.1177/0145482X231216472>

Herzberg, T. S., & Rosenblum, L. P. (2022). Information gathered to assist in designing STEM braille training materials: Survey results. *Journal of Blindness Innovation and Research*, 12(1).

<https://nfb.org/images/nfb/publications/jbir/jbir22/jbir120101.html>

Herzberg, T. S., Rosenblum, L. P., & McBride, C. R. (2024). The effectiveness of online courses in building Nemeth Code within UEB Contexts skills and increasing knowledge of strategies to support pre-kindergarten-eighth grade students in their math learning, *Journal of Visual Impairment & Blindness*, 118(5), 302-312.

<https://doi.org/10.1177/0145482X2412865>

Herzberg, T. S., Wild, T., & Rosenblum, L. P. (2023). Nemeth in a box: Unpacking tools to build success in math for students with visual impairments. *Ohio Journal of School Mathematics*, 93, 34-39.

Rosenblum, L. P., Herzberg, T. S., Larkin, S., Osterhaus, S., & Wild, T., (2025). Mission INSPIRE: A Virtual STEM Event for Students Aged 11-16 Years Who Read Braille, *Journal of Visual Impairment & Blindness*, 119(1), 61-74. <https://doi.org/10.1177/0145482X251320109>.

Wild, T., Herzberg, T. S., & Rosenblum, L. P. (2023). Mission INSPIRE: Soaring to excellence in data analysis for students with visual impairments. *Science Scope*, 46(7), 8-12.

Presentations

Presentations are listed in order beginning with the most recent.

National

Robbins, M., Herzberg, T. S., Outen, N., & Osterhaus, S. (2024, July), *WaterViz STEAM Camp for Students with Visual Impairments: A Creative Multisensory Approach to Understanding Water Cycle and Climate Data*, Association for the Education and Rehabilitation of the Blind and Visually Impaired International Conference, Charlotte, North Carolina.

Rosenblum, L. P. & Herzberg, T. S. (2024, July), *Project INSPIRE Has Free Resources for Professionals and Students to be Better Prepared to Succeed in STEM Learning*, Association for the Education and Rehabilitation of the Blind and Visually Impaired International Conference, Charlotte, North Carolina.

Herzberg, T. S., Osterhaus, S., & Larkin, S. (2024, March). *Mission INSPIRE: Science Fair Anywhere*. Council for Exceptional Children's 2024 Convention and Expo, San Antonio, Texas.

Herzberg, T. S., & Rosenblum, L. P. (2024, January). *Building Braille Readers STEM and Graphics Literacy Skills Through Project INSPIRE's Activities for Students and Professionals*. Allied Instructional Services Academy. [virtual]

Herzberg, T. S. & Rosenblum, L. P. (2023, November). *Building Braille Readers' STEM and Graphics Skills Literacy Through Project INSPIRE'S Activities for Students and Professionals*. Getting in Touch with Literacy, Tampa, Florida.

Wild, T. A., & Herzberg, T. S. (2022, November). *Mission INSPIRE: Students with Visual Impairments Soaring to Excellence in Data Analysis*. OCALICON Online Conference. [virtual]

Herzberg, T. S., & Larkin, S. (2023, October). *Mission INSPIRE: Soaring to New Heights in STEM*. Training for chaperones and teachers at the Space Camp for Students with Visual Impairments, Huntsville, Alabama.

Herzberg, T. S., & Osterhaus, S. (2023, October). *Mission INSPIRE: Soaring to New Heights in STEM*. Inclusion in Science, Learning a New Direction, Conference on Disability. [virtual]

Rosenblum, L. P. & Herzberg, T. S. (2023, September). *Project INSPRIE: Online Courses for Professionals and Activities for Middle School Students to Build STEM Braille Skills*. 2023 TVI Online Symposium, Allied Independence. [virtual]

Herzberg, T. S. (2023, May). *Resources for Teaching and Learning the Nemeth Code within UEB Contexts and Supporting Math Learning*. Perkins School for the Blind. [virtual]

Larkin, S., Herzberg, T. S., & Osterhaus, S. (2023, March). *Teaching Students the Nemeth Code for Mathematics and Science Notation*. Council for Exceptional Children's 2023 Convention and Expo, Louisville, Kentucky.

Herzberg, T. S., Larkin, S., & Osterhaus, S. (2023, February). *Games and Puzzles to Increase Learning When Teaching the Nemeth Braille Code to Students of All Ages*. 2023 POSB Math and Science Institute, Louisville, Kentucky.

Wild, T. A., & Herzberg, T. S. (2023, February). *Mission INSPIRE: Soaring to New Heights in STEM*. 2023 POSB Math and Science Institute. Louisville, Kentucky.

Wild, T. A., & Herzberg, T. S. (2022, September). *Mission INSPIRE: Having a BLAST with Students with Visual Impairments Learning STEM*. Inclusion in Science, Learning a New Direction, Conference on Disability. [virtual]

Larkin, S., Osterhaus, S., & Herzberg, T. S. (2022, July). *Nemeth in a Box for Middle School Students*. Association for the Education and Rehabilitation of the Blind and Visually Impaired International Conference, St. Louis, Missouri.

Osterhaus, S., Larkin, S., & Herzberg, T. S. (2022, July). *Resources for Learning and Teaching Nemeth Code within UEB Contexts*. Association for the Education and Rehabilitation of the Blind and Visually Impaired International Conference, St. Louis, Missouri.

- Wild, T. A., & Herzberg, T. S. (2022, July). *Mission INSPIRE: Promoting Success in STEM for Students with Visual Impairments*. Association for the Education and Rehabilitation of the Blind and Visually Impaired International Conference, St. Louis, Missouri.
- Rosenblum, L. P. & Herzberg, T. S. (2022, July). *Project INSPIRE's Professional Development: Nemeth Code and Strategies for Supporting Math Learning*. Association for the Education and Rehabilitation of the Blind and Visually Impaired International Conference, St. Louis, Missouri.
- Wild, T. A., & Herzberg, T. S. (2021, November). *Nemeth in a Box for Middle School Students*. OCALICON Online Conference. [virtual]
- Osterhaus, S., Herzberg, T. S., & Larkin, S. (2021, October). *Nemeth in a Box for Middle School Students*. Texas School for the Blind & Visually Impaired. [virtual]
- Wild, T. A., & Herzberg, T. S. (2021, September). *Nemeth in a Box for Middle School Students*, Inclusion in Science, Learning a New Direction, Conference on Disability. [virtual]
- Osterhaus, S., Gibbs, E., & Shaheen, N. (2021, July). *Panel Discussion: Methods of Teaching STEM to the Blind*. National Federation of the Blind Convention. [virtual].
- Herzberg, T. S., Osterhaus, S., & Larkin, S. (2021, March). *Project INSPIRE: Teaching Nemeth Code within UEB Contexts*. Association for the Education and Rehabilitation of the Blind and Visually Impaired. [virtual]
- Herzberg, T. S., Osterhaus, S., & Larkin, S. (2021, February). *Project INSPIRE: Nemeth in a Box*. 2021 POSB Math and Science Institute. [virtual]
- Herzberg, T. S., & Rosenblum, L. P. (2019, November). *Introducing Project INSPIRE: Increasing the STEM Potential of Individuals who Read Braille*, Getting in Touch with Literacy Conference. Seattle, Washington. [poster]

State

Larkin, S., Osterhaus, S., & Herzberg, T. S. (2025, April). *Mathlete competition: Having fun with braille math notation and computation*. Presentation at the California Transcribers and Educators for the Blind and Visually Impaired Virtual Conference. San Francisco, CA.

Herzberg, T. S., & Osterhaus, S. (2025, March). *Mathlete competition: Integrating braille math notation and computation*. Presentation at the Texas Association for the Education and Rehabilitation of the Blind and Visually Impaired Conference. Corpus Christie, TX.

Rosenblum, L. P. (2024, April). *Project INSPIRE'S Professional Development and Middle School Student Materials*. California Transcribers and Educators of the Blind and Visually Impaired, Los Angeles, California.

Rosenblum, L. P. (2023, November), *Project INSPIRE: Project INSPIRE: Professional Development for Professionals and Hands-On Learning Activities for Braille Readers*. Arizona AER, Tucson, Arizona.

Herzberg, T. S. (2023, October). *Resources for Learning and Teaching Nemeth Code and Unified English Braille Math*. Colorado Department of Education. [virtual]

Rosenblum, L. P. (2023, April). *STEM Resources: Project INSPIRE's Professional Development and Middle School Student Materials*. California Transcribers and Educators of the Blind and Visually Impaired, Burlingame, California.

Rosenblum, L. P. (2022, October). *Project INSPIRE: Tools for Professional Development and Braille Reading Youth to Build STEM Braille Code Skills*. New York State Association for Education and Rehabilitation of the Blind and Visually Impaired, Syracuse, New York.

Herzberg, T. S., Osterhaus, S., Larkin, S. & Rosenblum, L. P. (2022, April). *Showcasing Project INSPIRE's resources for you!!* California Transcribers and Educators for the Blind and Visually Impaired Virtual Conference. [virtual]

Herzberg, T. S., Osterhaus, S., & Larkin, S. (2021, March). *Project INSPIRE: Teaching Nemeth Code within UEB Contexts*. Texas Association for the Education and Rehabilitation of the Blind and Visually Impaired. [virtual]