

BELINDA RUDINGER, ED.D., ATP

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EDUCATION

Ed. D.	University of Wisconsin-Stevens Point, 2020 Educational Sustainability Dissertation Title: <i>Beyond Access: Technology, Blindness, & Self-Determination</i>
Certificate	Stephen F. Austin State University, 2010 Special Education, Certification in Visual Impairment
M. Ed.	University of North Texas, 2004 Special Education, Concentration in Autism Intervention & Behavior Analysis
B. A.	University of North Texas, 2001 Literature, minors in French & German

PURPOSE

- Leveraging technology for empowerment and connection to promote quality education and reduce inequalities

EXPERTISE

- Subjects: Assistive technology, braille, accessibility, print disabilities (dyslexia, visual impairment), autism, multi-sensory instructional methods, instructional technology, educational sustainability, technology-enhanced learning for sustainable development
- Lenses: Behavior analysis, systems thinking, universal design for learning
- Skills: Public speaking, professional development, instruction, assessment, consulting, mentoring, outreach, program creation, coordination and development

PROFESSIONAL CERTIFICATIONS

Rehabilitation Engineering and Assistive Technology Society of North America (RESNA)
Assistive Technology Professional (ATP)

Texas State Board for Educator Certification (SBEC)
Generic Special Education (PK-12)
Teacher of Students with Visual Impairments (EC-12)
English as a Second Language Supplemental (EC-12)
Generalist (EC-4)
English, Language Arts, and Reading (4-8)

PROFESSIONAL EXPERIENCE

Higher Education Experience:**University of Texas-Arlington: Adjunct Assistant Professor**

Fall 2020

- SPED 3301, Characteristics of Individuals with Disabilities (Undergraduate, Hybrid)
- EDUC 4318, Positive Classroom Management (Undergraduate, Hybrid)

Texas A&M University-Commerce: Adjunct Faculty

Fall 2020

- SPED 346, Introduction to Exceptional Children (Undergraduate, Online)
- PSY 605/SPED 605, Single Subject Designs (Graduate, Online)

Spring 2020

- SPED 346, Introduction to Exceptional Children (Undergraduate, Online)

Stephen F. Austin State University: Course Facilitator

Summers 2012, 2013, 2014, 2015, 2016, 2017

- SPE 516, Anatomy and Function of Visual Systems (Graduate, Hybrid)
- SPE 517, Graduate Course in Special Education: Braille (Graduate, Hybrid)
Proctored course exams, graded all assignments and exams, maintained electronic grade book, maintained regular communication with professors of record, provided office hours for students, facilitated hands-on lab activities such as eyeball dissection and braillewriter use, provided tutoring and corrective feedback

K-12 Experience:**Texas School for the Blind and Visually Impaired, 2013-Present**

Mentor for new regional teachers, including bimonthly visits, observations, support, consultation, and evaluations

Grand Prairie Independent School District, 2017-Present

District Assistive Technology Team

Teacher of Students with Visual Impairments

Education Service Center, Region 10, 2012-2017

- Assistive Technology Consultant, Visual Impairment department
 - Provided regional outreach to teachers & students in the area of assistive technology for students with visual impairments
 - Provided training and outreach in the use of a variety of software to provide alternative access to print materials (braille, large print, auditory materials, etc.)
 - Served as consultant on district AT assessment teams

- Coordinated regional workshops & professional development
 - Served on statewide leadership committee in the area of visual impairment (SLSBVI)
 - Served on Paths to Technology Advisory Board
 - Served on Bookshare Advisory Panel
 - Managed institutional Bookshare & Learning Ally accounts
 - Maintained website with assistive technology resources
 - Purchased assistive technology equipment for regional loan program
 - Managed inventory and repair budget for regional AT loan program
- Visual Impairment Department Team Leader
 - Provided leadership for staff of 15
 - Led annual regional data-driven Focus Group
 - Managed annual departmental budget
 - Assigned and updated caseloads
 - Provided onboarding for new staff
 - Technology Olympics Coordinator
 - Assistive Technology event for children with visual impairments
 - Solicited funding via grants and donations
 - Coordinated committee and volunteers
 - Managed budget and purchasing
 - Dallas Area Regional Braille Challenge Founder & Coordinator
 - Brought the Braille Challenge (a national program with regional qualification competitions) to Dallas, TX
 - Solicited funding via grants and donations
 - Coordinated committee and volunteers
 - Managed budget and purchasing

Education Service Center, Region 10, 2009-2012

Teacher of Students with Visual Impairments
Highland Park Independent School District
Waxahachie Independent School District
Greenville Independent School District

Denton Independent School District, 2005-2009

Dyslexia Therapist

Provided dyslexia therapy groups for qualified students from kindergarten-8th grade
Attended two-year training sequence in research-based, multi-sensory academic language therapy accredited by the International Multisensory Structured Language Education Council (IMSLEC)

Special Education Department Chair for campus

Led department of 8 staff

- Managed departmental budget and staff purchase orders
- Conducted departmental meetings
- Intervened in areas of staff conflict/disagreement

Inclusion Teacher for students receiving special education services

Led district inclusion initiative by piloting the first campus inclusion program in the district, hosting visiting administrators and providing tours and presentations to staff on other campuses

Lewisville Independent School District: 2000-2001; 2002-2005

- Special Education teacher for students with developmental disabilities and autism
- Special Education in home trainer for students with autism
- Special Education paraprofessional for students with autism and learning disabilities

University of North Texas, 2001-2002

Graduate student intern

- Behavior Analysis Resource Center: data and coding on research studies
- Private Applied Behavior Analysis: in-home training for toddlers with autism
- Carrollton-Farmers Branch Independent School District: elementary school communications classroom for students with autism
- Lewisville Independent School District: high school classroom for students with developmental disabilities and autism

PUBLICATIONS**Articles:**

Rudinger, B., Redman, E., Gaffney, J., & Potter-Nelson, L. (2020, September). *Strategically Redesigning the Future in the Time of the Covid-19 Disease Outbreak*. International Conference on Sustainable Development Proceedings.

Rudinger, B. (2020). Non-visual access to print & its barriers: A review of the literature. *Forum Pedagogiczne, 10 (2)*.

Jones, B.A., **Rudinger, B.**, Williams, N., Witcher, S. (2019) Training General Educators in Assistive Technology Competencies for Students with Visual Impairments. *British Journal of Visual Impairment*.

Jones B., Williams, N., **Rudinger, B.** (2018). Designing and Implementing an Assistive Technology Lab for Postsecondary Education. *Education Sciences: Special Issue on Technology Enhancing the Skills of Students with Disabilities. 8(1):11*.

Book Chapters:

Rudinger, B. (2019). Technology-Enhanced Learning. In: Leal Filho W. (ed.) *Encyclopedia of the UN Sustainable Development Goals*. Switzerland: Springer Nature.

Rudinger, B., & O'Neil, J. (2019). Technology-Enhanced Learning and Education for Sustainable Development. In: Leal Filho W. (ed.) *Encyclopedia of Sustainability in Higher Education*. Switzerland: Springer Nature.

Dissertation:

Rudinger, B. (2020). *Beyond access: Self-determination, technology, & blindness*. Doctoral dissertation, University of Wisconsin-Stevens Point. ProQuest, UMI 28023108.

Manuscripts in Review:

Jones, B. A., **Rudinger, B.**, Parker, A., Hott, B., & Williams, N. (2020). An analysis of over ten years of guidance by the Journal of Visual Impairments and Blindness: Implications for Supporting Students.

Editorial Responsibilities

Guest Reviewer	<i>British Journal of Visual Impairment</i>
Guest Reviewer	<i>Assistive Technology, official journal of RESNA</i>
Guest Reviewer	<i>Forum Pedagogiczne</i>

PRESENTATIONS**International**Accepted:

Rudinger, B. Ericson, K. (2021, January). *Remote Learning for Students with Visual Impairments*. Presentation at South Pacific Educators in Vision Impairment (SPEVI)

Rudinger, B. (2021, February). *Beyond Access: Technology, Self-Determination, & Blindness*. Presentation at Assistive Technology Industry Association (ATIA) Annual Conference

McCormack, K., **Rudinger, B.** (2021, February). *An International Resource Hub: AER's Global Issues Division*. Presentation at International O&M Online Symposium.

Jones, B.A., Parker, A., Hott, B.L., **Rudinger, B.** (2021, March). *An Analysis of Ten Years of Guidance by the Journal of Visual Impairment and Blindness*. Presentation at the Council for Exceptional Children Convention and Expo (CEC).

Rudinger, B. (2021, March). *The User Experience of Braille and Assistive Technology*. Presentation at the CSUN Assistive Technology Conference

Past:

Rudinger, B., Redman, E., Gaffney, J., Potter-Nelson, L., (2020, September). *Strategically Redesigning the Future in the Time of the Covid-19 Disease Outbreak*. Presentation at the Annual International Conference on Sustainable Development

- Buchanan, K., & **Rudinger, B.** (2020, October). *Adaptive Mindsets for Transformative Action*. AASHE Global Conference on Sustainability in Higher Education
- Rudinger, B.** (2020, July). *Beyond Access: Technology, Self-Determination, & Blindness*. Presentation at the International Association for the Education and Rehabilitation of the Blind and Visually Impaired Conference. (Originally scheduled for St. Louis, MO- changed to virtual format)
- Rudinger, B.** (2020, February). *Interdisciplinary Perspectives and Practices in Braille Literacy Instruction*. Presentation at the Council for Exceptional Children Convention and Expo, Portland, OR.
- Rudinger, B.** (2018, March). *Sustainability, Braille, & Assistive Technology*. Presentation at the CSUN Assistive Technology Conference, San Diego, CA.
*Also accepted (but not presented) for the 2018 Association for the Education and Rehabilitation of the Blind and Visually Impaired (AER) International Conference, Reno, NV.
- Williams, N., Jones, B. A., **Rudinger, B.** (2018, April). *Training general educators in assistive technology competencies for students with visual impairments*. Poster presented at the Kaleidoscope Session at the Council for Exceptional Children Convention and Expo, Tampa, FL.
**Note: This poster won First Place in the Mixed Methods category.
- Rudinger, B.** (2017, October). *Assistive Technology for Beginning Braille Readers*. Closing the Gap Assistive Technology Annual Conference, Minneapolis, MN.
- Rudinger, B.** (2017, January) *Our Little Corner of the World*. Assistive Technology Industry Association (ATIA) Annual Conference, Orlando, FL.
- Rudinger, B.** (2015, October). *Assistive Technology for Braille Readers & Students with Low Vision*. Closing the Gap Assistive Technology Annual Conference, Minneapolis, MN.

National

- Rudinger, B.** (2020, May). *Using a Mac with VoiceOver: Getting Started!* American Printing House for the Blind (APH) Virtual Excel Academy Webinar.
- Rudinger, B.** (2016, June). *Our Little Corner of the World: Notes from the field of assistive technology for students with visual impairments*. Invited for national speaker strand. Texas Assistive Technology Network Conference, Houston, TX.

State and Local

- Rudinger B,** Robinson, C. (2020, May). *Cultivating an AT Mindset*. Invited Presentation, Texas School for the Blind and Visually Impaired. Austin, TX. (Postponed, COVID-19)
- Jones, B.A. **Rudinger, B.,** (2020, April). *Including Assistive Technology (AT) in the IEP*. Texas Association for the Education and Rehabilitation of the Blind and Visually Impaired. San Marcos, TX. (Postponed, COVID-19)

- Rudinger, B.** (2020, April). *Beyond Access: Assistive Technology, Self-Determination, & Blindness*. Texas Association for the Education and Rehabilitation of the Blind and Visually Impaired. San Marcos, TX. (Postponed, COVID-19)
- Rudinger, B.,** Howe, A., Roberts, A., Cabrera, D., Davis, T. (2020, January). *Visual Impairment for Assessment & Related Services*. Grand Prairie ISD, Grand Prairie, TX.
- Rudinger, B.,** Robinson, C. (2018, June). *Back to Basics: Cultivating an AT Mindset*. Texas Assistive Technology Network Conference, Houston, TX.
- Rudinger, B.** (2018, June). *Choosing, Using, & Integrating Assistive Technology for Braille Readers*. Invited speaker for full day presentation. Education Service Center (Region 11), Ft. Worth, TX.
- Rudinger, B.** (2018, October). *15 Google Tips for Students with Low Vision*. Invited Presentation, Texas School for the Blind and Visually Impaired + Education Service Center (Region 8), Mt. Pleasant, TX.
- Jones, B.A. **Rudinger, B.,** Williams, N. (2018, April). *A decade of research: Just what do we know about evidence-based practice for students with visual impairments?* Texas Association for the Education and Rehabilitation of the Blind and Visually Impaired. Ft. Worth, TX.
- Rudinger, B.,** Turner, S., Macdonald, D. (2018, April). *The Evolution of the Expanded Core Curriculum (ECC)*. Texas Association for the Education and Rehabilitation of the Blind and Visually Impaired. Ft. Worth, TX.
- Jones, B.A. **Rudinger, B.,** Williams, N. (2017, April). *Teacher Preparation in Assistive Technology Competencies*. Texas Association for the Education and Rehabilitation of the Blind and Visually Impaired. Corpus Christi, TX.
- Rudinger, B.,** Macdonald, D. (2016, September). *New TVI 101, Part 1*. Education Service Center (Region 10). Dallas, TX.
- Rudinger, B.** *Low Vision, Braille, & Tactile Graphics*. Grand Prairie Independent School District, Grand Prairie, TX.
- Rudinger, B.,** Macdonald, D. (2016, January). *New TVI 101, Part 2*. Education Service Center (Region 10). Dallas, TX.
- Rudinger, B.,** Macdonald, D. (2015, May). *Routines and Calendars for Students with Multiple Disabilities*. Dallas Independent School District, Dallas, TX.
- Rudinger, B.** (2015, June). *UEB, AT, & Me*. Texas Assistive Technology Network Conference, Houston, TX.
- Walker, S., **Rudinger, B.** (2015, August). *Introduction to Unified English Braille*. Statewide Webinar, Texas Statewide Leadership Services for the Blind and Visually Impaired (SLSBVI).
- Rudinger, B.,** Macdonald, D. (2015, September). *New TVI 101, Part 1*. Education Service Center (Region 10). Dallas, TX.
- Rudinger, B.,** Macdonald, D. (May 2015). *Routines and Calendars for Students with Multiple Disabilities*. Highland Park Independent School District, Highland Park, TX.
- Rudinger, B.,** Macdonald, D. (2015, January). *New TVI 101, Part 2*. Education Service Center (Region 10). Dallas, TX.

Rudinger, B. (2014, September). *AT for Braille Readers*. Education Service Center (Region 11). Ft. Worth, TX.

Rudinger, B. (2014, October). *AT for Students with Low Vision*. Education Service Center (Region 11). Ft. Worth, TX.

Rudinger, B. (2014, June). *Empower Yourself: AT for TVIs*. Texas Assistive Technology Network Conference, Houston, TX.

Rudinger, B. (2013, November). *iPads for Students with Visual Impairments*. Education Service Center (Region 10). Dallas, TX.

CURRENT RESEARCH

Rudinger, B. & Redman, E. *Staying connected while staying at home: Re-imagining access through refreshable braille displays*. IRB approval through University of Wisconsin-Stevens Point. Partnering with Michigan State University Resource Center for Persons with Disabilities.

PROFESSIONAL AFFILIATIONS

- Texas Association for the Education and Rehabilitation of the Blind and Visually Impaired (TAER)
 - President-Elect, 2020
- Association for the Education and Rehabilitation of the Blind and Visually Impaired (AER)
 - Chairperson, International Services and Global Division
 - Bylaws and Structure committee member
 - Accreditation review panel member
- Computers for the Blind
 - Board of Directors
- Rehabilitation Engineering and Assistive Technology, North America (RESNA)
- Access Technology in Higher Education (ATHEN)
- Association on Higher Education and Disability (AHEAD)
- Global Cooperation on Assistive Technology (GATE), World Health Organization

HONORS, AWARDS, & GRANTS

- Joy Award, Grand Prairie Independent School District
 - For demonstrating “integrity, dependability, flexibility, and the ability to show love, laughter, and leadership” according to professional peers
- Sammi K. Rankin award, Texas State AER Association
 - For “outstanding contribution to services for persons who are blind or visually impaired in Texas”
- Dallas Association for the Blind Grant (\$5000 awarded for Technology Olympics/ Braille Challenge events for students with visual impairments)

- White Rock Lions Club grant (\$2500 awarded for Technology Olympics/Braille Challenge events for students with visual impairments)
- Full Scholarship for Visual Impairment Certification program, Stephen F. Austin State University, Nacogdoches, TX.
- Morningside Academy Summer Institute Graduate Student Scholarship & Stipend, Seattle, WA
- Donald Whaley Memorial Scholarship for Behavior Analysis, University of North Texas, Denton, TX.
- Denton Public School Foundation Grant (3 separate grants awarded, \$1000 each)
- Full Scholarship for M.Ed. in Special Education, Autism Intervention, University of North Texas, Denton, TX.
- Teacher of the Year, Walmart (\$1000 Grant), Lewisville, TX.
- Paraprofessional of the Year, ARC of Denton County

Grant Proposals (unfunded)

Rudinger, B. (2020). Empowering families to support braille literacy. Submitted to the Spencer Foundation: Research Grants on Education, Small. Amount Requested: