

# CURRICULUM VITA

## **David Ryan Hill**

Associate Professor of Special Education  
College of Education, Health, & Human Services  
University of Michigan-Dearborn  
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## **1. Education**

### **Ph.D.—Special Education**

University of Pittsburgh, Pittsburgh, PA

### **M.S.L.—Law**

University of Pittsburgh School of Law, Pittsburgh, PA

### **M.Ed.—Special Education/Disability Services**

University of North Florida, Jacksonville, FL

### **B.S.—Special Education**

Middle Tennessee State University, Murfreesboro, TN

## **2. Teaching and Research Interests**

1. Developing effective inclusive evidence-based practices for students with disabilities to enhance teacher instruction.
2. The integration of various technologies to improve pedagogic methods for teachers.
3. Examining legal issues in special education and holdings from litigation to see how they may impact school districts.

## **3. Professional Registration/Licensure/Certification**

1. National Board Certified Teacher in Exceptional Student Education
2. Florida Certified Teacher in Multiple Disabilities and Mentally Handicapped
3. Nebraska Certified Teacher in Multiple Disabilities and Behavior Disorders
4. Tennessee Certified Teacher in Comprehensive K-12 Special Education

## **4. Employment History**

### **(2021 to present) Associate Professor of Special Education**

College of Education, Health, & Human Services  
University of Michigan - Dearborn, Dearborn, Michigan

### **(2014 to 2021) Assistant Professor of Special Education**

College of Education, Health, & Human Services  
University of Michigan - Dearborn, Dearborn, Michigan

**(2011 to 2012) Task Development Coordinator**

Pennsylvania Alternate System of Assessment (PASA)  
University of Pittsburgh – Pittsburgh, PA

**(2007 to 2010) ESE Program Specialist (District Administrator)**

St Johns County School District, St. Augustine, FL

**(2005 to 2007) ESE Teacher**

Allen D. Nease High School  
St Johns County School District, Ponte Vedra, FL

**(2002 to 2005) ESE Teacher**

St. Augustine High School  
St Johns County School District, St. Augustine, FL

**(1999 to 2002) Special Education Teacher**

Yates Alternative  
Omaha Public School District, Omaha, NE

## **5. Scientific and Professional Societies Memberships**

- Cochrane (Formally known as The Cochrane Collaboration) Member
- Michigan Council for Exceptional Children (MCEC)
- Council for Exceptional Children (CEC)
- TASH
- Society for Information Technology & Teacher Education (SITE)

## 6. Research Activities

### A. Publications

#### a) Books

#### b) Papers Published or Accepted for Publication in Refereed Journals

- [1] Reichow B, Lemons CJ, Maggin DM, **Hill DR**. Beginning reading interventions for children and adolescents with intellectual disability. *Cochrane Database of Systematic Reviews* 2019, Issue 12. Art. No.: CD011359. DOI: 10.1002/14651858.CD011359.pub2.
- [2] Brunvand, S., & **Hill, D.** (2019). Gamifying your teaching: Guidelines for integrating gameful learning in the classroom. *College Teaching*, 67(1), 58-69.
- [3] **Hill, D.R.**, and Brunvand, S., (2018). "Gamification," In Ottenbreit-Leftwich, A., & Kimmons, R, *The K-12 Educational Technology Handbook*, Open Access 2018.  
<https://edtechbooks.org/k12handbook/gamification>
- [4] **Hill, D.R.** & Brunvand, S., (2017). Gaming the system: Helping students level-up their learning. *International Journal of Teaching and Learning in Higher Education*, 30(1), 70-79.
- [5] **Hill, D.R.** (2016). Phonics based reading interventions for students with intellectual disability: A systematic review. *Journal of Education and Training Studies*, 4(5), 205-214.
- [6] **Hill, D.R.** & Lemons, C.J. (2015). Early-grade curriculum-based reading measures for students with intellectual disability. *Journal of Intellectual Disability*. 19(4), 311-325.
- [7] Reichow B, Lemons CJ, Maggin DM, **Hill DR**. Beginning reading interventions for children and adolescents with intellectual disability. *Cochrane Database of Systematic Reviews* 2014, Issue 11. Art. No.: CD011359
- [8] **Hill, D. R.**, King, S. A., & Mrachko, A. A. (2013). Students with autism, service dogs, and public schools: A review of state laws. *Journal of Disability Policy Studies*. 25(2), 106-116.
- [9] **Hill, D.R.**, King, S.A., Lemons, C.J., & Partanen, J.N. (2012). Fidelity of implementation and instructional alignment in response to intervention research. *Learning Disabilities Research & Practice*. 27(3), 116-124.
- [10] King, S., Lemons, C. J., & **Hill, D.** (2011). Response to intervention in secondary schools: Considerations for administrators. *NASSP*. 96 (1) 5-22.
- [11] Lemons, C. J., Zigmond, N., Kloo, A. M., **Hill, D. R.**, Mrachko, A. A., Pattera, M. F., ... & Davis, S. M. (2013). Performance of students with significant cognitive

disabilities on early-grade curriculum-based measures of word and passage reading fluency. *Exceptional Children*, 79(4), 408-426.

### c) Papers Submitted for Publication in Refereed Journals

### d) Book Chapters

- [12] Hill, D. R., & Brunvand, S. (2022). Gamification 101: An Exploration of a Gamified Instructional Approach. In *Handbook of Research on the Influence and Effectiveness of Gamification in Education* (pp. 271-284). IGI Global.

### e) Conference Proceedings

#### Refereed by Paper

- [1] Emilhovich, B, Hill, D.R., Zhou, F, & Brunvand, S. (2019) Using Virtual Reality to Provide Life Transition Skills for Students with Disabilities. *Proceeds of Association for Educational Communications & Technology International Conference*. Las Vegas, NV, United States.
- [2] Brunvand, S. & Hill, D. (2018). Making Coding Instruction Accessible to All Students. In E. Langran & J. Borup (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1985-1987). Washington, D.C., United States: Association for the Advancement of Computing in Education (AACE). Retrieved May 1, 2018 from <https://www.learntechlib.org/primary/p/182799/>.
- [3] Hill, D. & Brunvand, S. (2017). Gaming the System, Helping Students Level Up Their Learning. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2017*. Austin Texas: Association for the Advancement of Computing In Education (AACE).
- [4] Hill, D. & Brunvand, S. (2016). Investigating the Impact of Gamified Learning on Post-Secondary Education Student's Ability to Self-Regulate their Learning. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp.

### f) Presentations

Hill, D.R., & Billops, K., (2018, November) Making Coding Instruction Accessible for All Students. *Presentation at CEC TED Conference*, Las Vegas Nevada.

Hill, D.R., & Brunvand, S., (2017, March). Gaming the System: Helping Students Level-Up Their Learning. *Society for Information Technology & Teacher Education Conference Austin, TX*.

Hill, D.R., & Brunvand, S., (2016, March). Investigating the Impact of Gamified Learning on Post-Secondary Education Student's Ability to Self-Regulate their Learning. *Presentation at The Association for the Advancement of Computing in Education*, Savannah, GA.

Hill, D.R., (2015, December) Effect of a Three-Prong Reading Intervention for Students with Intellectual Disability. Academic Interventions research symposium. *Presentation at TASH Annual Conference*, Portland, OR

Hill, D. R., King, S., & Lemons, C. J. (2013, February). State laws and the use of service animals among children with autism. *Poster presented at the annual Pacific Coast Research Conference*, San Diego, CA

**Hill, D. R.**, King, S., & Lemons, C. J. (2011). Critical components of elementary RTI models: An examination of coherence and fidelity in tiers 1 and 2. *Poster presented at the annual meeting of the Society for the Scientific Study of Reading, St Pete Beach, FL*

### **Regional Conferences**

**Hill, D.R.**, Billops, K., & Brunvand, S., (2018, March) Coding Instruction for Students with Disabilities. *Presentation at Michigan Council for Exceptional Children Annual Conference, Grand Rapids, Michigan.*

**Hill, D.R.**, Brunvand, S., Billops, K., & Argawal, M., (2018, March) Coding Instruction for All Students. *Research Day, University of Michigan-Dearborn.*

**Hill, D.R.**, Brunvand, S., Billops, K., & Argawal, M., (2017, November). Coding Instruction for All Students. *MCubed Symposium, University of Michigan - Ann Arbor, MI.*

**Hill, D.R.**, & Brunvand, S., (2017, March). Using Canvas to Gamify Your Course. *Digital Education Day – University of Michigan-Dearborn, Dearborn, MI.*

**Hill, D.R.**, (2016, October). Collaborative Learning: Group Work in Class. *The Hub Faculty Training Series, University of Michigan-Dearborn. Dearborn, MI.*

**Hill, D.R.**, (2016, September). Applied Behavior Analysis: First Steps for Caregivers & Practitioners. *Autism Communication and Training Series, University of Michigan-Dearborn. Dearborn MI.*

**Hill, D.R.**, & Rockwell, J., (2016, July). Applied Behavior Analysis: First Steps for Caregivers & Practitioners. *Autism Communication and Training Series, University of Michigan-Dearborn. Dearborn MI.*

**Hill, D.R.**, (2016, March). Consultation, goal setting, and fluency – a winning combination? *Presentation at Michigan Council for Exceptional Children Annual Conference, Grand Rapids, Michigan*

**Hill, D.R.**, (2015, March). CBM for Students with Intellectual Disability. *Presentation at Michigan Council for Exceptional Children Annual Conference, Grand Rapids, Michigan*

**Hill, D.R.**, (2015, February) *Panel Discussion Participant at Governing: Re-making Michigan Education for the 21<sup>st</sup> Century Economy. Lansing, MI*

**Hill, D. R.**, (2013, March). Performance of students with Intellectual Disability on early grade reading curriculum-based measurement and related reading instruction. *Talk presented at the Council for Graduate Students in Education Fall Research Colloquium, University of Pittsburgh, Pittsburgh, PA.*

**Hill, D. R.**, King, S., & Mrachko, A. (2012, November). Autism service dogs: A legal perspective. *Poster presented at the Council for Graduate Students in Education Fall Research Colloquium, University of Pittsburgh, Pittsburgh, PA*

## **B. Research Grants**

### **a) Awarded Research Grants**

- (2019) “Using virtual reality to access community-based instruction within the K-12 classrooms.” UM-Dearborn Scholars Grant, \$15,000.00, **David R. Hill (PI)**.
- (2019) “Using virtual reality to access community-based instruction within the K-12 classrooms.” \$15,000.00, Mcubed, **David R. Hill (PI)** 2019

- (2016) “Coding Instruction for Students with Disabilities”, \$15,000, Mcubed, **David R. Hill (PI)**.
- (2013-2014) “*Reading Improvement Through Informal Assessment for students with intellectual disability (RITA)*,” \$5,000, **David R. Hill (PI)**.

## **b) Awarded Instructional, Software and Equipment Grants**

- (2019) Professional Development Grant, University of Michigan-Dearborn \$900.00.
- (2018) Professional Development Grant, University of Michigan-Dearborn \$900.00.
- (2017) Educational Enhancement Grant, University of Michigan-Dearborn \$1,443.00
- (2017) Professional Development Grant, University of Michigan-Dearborn \$900.00.
- (2016) Advancement of Teaching and Learning Fund, University of Michigan-Dearborn \$1775.00.
- (2016) Professional Development Grant, University of Michigan-Dearborn \$900.00.
- (2015) The Academic Service-Learning Faculty Fellows Program (ASL) \$1,000.
- (2015) Institute of Education Sciences, The National Center for Special Education Research (NCSER) summer research training institute on Single-Case Intervention Research Design and Analysis. Madison WI.

## **c) Pending Grant Applications**

# **9. Service Activities**

## **a) University Service.**

### **University-wide Committees**

- (2022- 2023) Faculty Council Representative
- (2020 – 2023) Faculty Senate Representative.
- (2019) Program Reviewer of Eastern Michigan University’s Master of Arts in Special Education.
- (2018 – 2021) Faculty Senate Research Support Committee member
- (2017) Program Reviewer for the Michigan Association of State Universities: University of Michigan-Flint’s Master of Arts in Inclusive Education Program.
- (2016-2020) Digital Education Subcommittee member:
- (2016) Program Reviewer for the Michigan Association of State Universities: Eastern Michigan University’s Autism Program

## **Campus-wide Committees**

Faculty Senate (2005 to 2008)

## **College (CASL, CECS, COE, SOM) Committees**

- (2019 – Present) CEHHS Academic Hearing and Professional Dispositions Board
- Curriculum Committee alternate
- (2019 – 2021) CEHHS Technology Committee Chair.
- (2107- 2020) CEHHS Technology Committee Chair
- (Winter 2016) CEHHS Curriculum Committee member.
- (2014 to 2020) CEHHS Technology Committee member (Chair 2017 -2019)
- (2016) CEHHS Curriculum Committee member

## **Departmental (e.g. Department of Management Studies) Committees**

Faculty Search Committee (2022)

## **b) Professional Activities**

## **c) Technical Reviews**

### **Papers for the Following Journals**

- (Winter 2023) Effectively Involving Paraprofessionals in Instruction: A Case Study. IGI Global Publishing.
- (Winter 2022) *Special Education Law Annual Review*.
- (Winter 2021) Behavior Management: From Theoretical Implications to Practical Applications by John W. Maag.
- (Fall 2021) Gamification in Education. EBSCO
- (Fall 2017) Creating and sustaining readers with intellectual and multiple disabilities: a systematic review of the literature. International Journal of Developmental Disabilities.
- (Fall 2016) Reading instruction for students with intellectual disability. International Journal of Developmental Disabilities.
- (Fall 2014) Getting past survival mode: improving classroom management. Sage Open Publications.

### **Book Reviews**

“A Collaborative Approach to Transition Planning for Students with Disabilities” Slack Inc.

### **d) Other Services**

- MiLend Mentor 2022 -2023