

## HANNAH MORRIS MATHEWS

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### EDUCATIONAL BACKGROUND

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<b>University of Virginia</b> , Charlottesville, VA Ph.D. in Curriculum, Instruction, and Special Education Dissertation: <i>Examining Opportunities to Learn in Special Education Teacher Preparation</i>	Spring 2018
<b>College of William and Mary</b> , Williamsburg, VA Master of Arts in Education, Special Education Post Graduate Professional License	Summer 2005
<b>Calvin College</b> , Grand Rapids, MI Bachelor of Arts, History & English Secondary Education Michigan Provisional Certificate	Spring 2000

### CURRENT POSITION

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**Boston University**, Boston, MA  
Wheelock College of Education and Human Development  
Postdoctoral Associate in Special Education  
Postdoctoral Supervisors: Elizabeth Bettini & Nathan Jones

### AWARDS AND GRANT FUNDING

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#### AWARDS

- **Division of Research of the Council for Exceptional Children Student Research Award in Mixed Methods**, *Vision as professional socialization in special education teacher preparation* (January, 2019).
- **Teacher Education Division of the Council for Exceptional Children Dissertation Award**, *Examining opportunities to learn in special education teacher preparation* (November, 2018).
- **Council for Learning Disabilities “Must Read” Award**, *Becoming critical consumers of research: Understanding replication* (Mathews, Hirsch, & Therrien; October, 2017).
- **Nancy Hall Butts Award for Special Education**, University of Virginia (2017).
- **May Fellowship**, University of Virginia (May, 2014).
- **Smyth Foundation Award**, Nelson County Public Schools, Teaching award given for exemplary service to students and families of Nelson County (August, 2007).

#### GRANT FUNDING

- University of Virginia Curry Doctoral Student Dissertation IDEAs (Innovative, Developmental, Exploratory Awards), 2017 - 2018: *Examining opportunities to learn in special education teacher education*. (\$1,000); Role: Principal Investigator, Sole Author

## SCHOLARSHIP

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### ARTICLES IN REFERRED JOURNALS

Cohen, J., Hutt, E., Berlin, R., **Mathews, H. M.**, McGraw, J. P., & Gottlieb, J. (2018). *Sense making and professional identity in the implementation of edTPA*. *Journal of Teacher Education*, 00, 1 - 15.

Kennedy, M. J., Rodgers, W. J., Romig, J. E., **Mathews, H. M.**, & Peeples, K., (2018). Introducing the content acquisition podcast professional development (CAP-PD) process: Supporting vocabulary instruction for inclusive middle school science teachers. *Teacher Education and Special Education*, 41, 140-157.

\***Mathews, H. M.**, Hirsch, S. E., & Therrien, W. J. (2018) Becoming a critical consumer of research: Understanding replication. *Intervention in School and Clinic*, 53, 267-275. Featured cover article.

Romig, J. E., Sundeen, T., Thomas, C. N., Kennedy, M. J., Philips, J., Peeples, K., Rodgers, W. J., & **Mathews, H.** (2018). Using multimedia to teach self-regulated strategy development to pre-service teachers. *Journal of Special Education Technology*, 33, 124-137.

**Mathews, H. M.**, Rodgers, W., & Youngs, P. (2017). Sense-making for beginning special educators: A systematic mixed studies review. *Teaching and Teacher Education*, 67, 23 – 36.

Kennedy, M. J., Alves, K. D., Miciak, J., Romig, J., **Mathews, H. M.**, & Thomas, C. N. (2016). Evaluating the relationship between naturalistic content acquisition podcast views and course performance. *Teacher Education and Special Education*, 39, 293-307.

Therrien, W. J., **Mathews, H. M.**, Hirsch, S. E., & Solis, M. (2016). Progeny review: An alternative approach for examining the replication of intervention studies in special education. *Remedial and Special Education*, 37, 235 - 243.

\*Awarded "Must Read" Article of the Year for *Intervention in School and Clinic*, 2018

### BOOK CHAPTERS

**Mathews, H. M.** & Cohen, J. (accepted). Explicit instruction: A brief review of what we know and next directions for research. In T. L. Good & M. McCaslin (Eds.) *The Routledge Encyclopedia of Education*. London: Routledge.

### MANUSCRIPTS IN PREPARATION

**Mathews, H. M.** (in preparation). *Program vision as professional socialization in special education teacher preparation*.

**Mathews, H. M.**, Rodgers, W. J., & Youngs, P. (in preparation). *Special education candidates' opportunities to learn instructional and collaborative practice: Applying a pedagogies of practice framework*.

**Mathews, H. M.,** Rodgers, W. J., & Youngs, P. (in preparation). *Examining the influence of institutional factors on novice special educators' instructional practice.*

**Mathews, H. M.,** Rodgers, W. J., Romig, J. E., Bettini, E. A., & Kennedy, M. J. (in preparation). *Observation studies in special education: A synthesis of methods from 1974 – 2017.*

Mason-William, L., Bettini, E.A., **Mathews, H.M.,** Rodgers, W., J., & Boveda, M. (in preparation). *Novice teachers' commitment and the relationship between role, social resources, and school poverty.*

## NATIONAL CONFERENCE PRESENTATIONS

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**Mathews, H.M.,** Jones, N. D., Bell, C., & Brownell, M. (April, 2019). Danielson's Framework for Teaching: Convergence and divergence with conceptions of effectiveness in special education. In N. Jones (Chair), *Crossing Boundaries in Defining Effectiveness: Investigating Special Education Teachers' Instructional Quality in Teacher Evaluation.* Paper accepted for presentation at the annual meeting of the American Educational Research Association, Toronto, Canada.

**Mathews, H.M. &** Rodgers, W. J. (April, 2019). Special education candidates' opportunities to learn instructional and collaborative practice: An examination of professional formation. In **H. M. Mathews** (Chair), *Conceptualizing and Measuring Opportunity to Learn in Teacher Education.* Paper accepted for presentation at the annual meeting of the American Educational Research Association, Toronto, Canada.

**Mathews, H.M.** (February, 2019). *Programmatic vision in special education teacher preparation.* Paper accepted for presentation at the annual meeting of the American Association of Colleges of Teacher Education Annual Meeting. Louisville, KY.

Mason-William, L., Bettini, E.A., **Mathews, H.M.,** Rodgers, W., J., & Boveda, M. (January, 2019). *Novice teachers' commitment and the relationship between role, social resources, and school poverty.* Paper accepted for presentation at the annual meeting of the Council for Exceptional Children, Indianapolis, IN.

**Mathews, H.M.** (January, 2019). *Becoming critical consumers of research: Understanding the role of replication in special education.* Paper accepted for presentation at the annual meeting of the Council for Exceptional Children, Indianapolis, IN.

**Mathews, H.M.** (January, 2019). *Supporting beginning special educators: How in-service experiences shape professional identity and instructional practice.* Poster accepted for presentation at the annual meeting of the Council for Exceptional Children, Indianapolis, IN.

Rodgers, W. J. & **Mathews, H. M..** (2018, November). *Examining the social, political, cultural, and historical backdrop of special education observation research.* Presentation at the Teacher Education Division of the Council for Exceptional Children. Las Vegas, NV.

**Mathews, H. M..** (2018, November). *Examining the influence of social context on novice special educators' instructional practice.* Presentation at the Teacher Education Division of the Council for Exceptional Children. Las Vegas, NV.

Kennedy, M. J., Rodgers, W. J., Peeples, K., **Mathews, H. M.**, & Romig, J. E. (2018, November). *A multimedia professional development process for improving inclusive secondary level teachers' literacy instruction*. Presentation at the Teacher Education Division of the Council for Exceptional Children. Las Vegas, NV.

**Mathews, H. M.** (2018, October). *Becoming an informed and research-driven practitioner: Understanding replication*. "Must Read" article of the year for *Intervention in School and Clinic* paper presented at the Council for Learning Disabilities annual meeting, Portland, OR.

Bettini, E. A., Mason-Williams, L., **Mathews, H. M.**, & Boveda, M. (2018, April). *Novice teachers' role, race, and school poverty: Relationships with social resources and commitment to teaching*. Single paper presentation presented at the American Educational Researchers Association annual meeting, New York City, NY.

Romig, J. E., Rodgers, W. J., **Mathews, H. M.**, Peeples, K., & Kennedy, M. J. (2017, November). *Cluster analysis of instruction: An alternative method for determining professional development needs*. Single paper presentation presented at the Teacher Education Division of the Council for Exceptional Children, Savannah, GA.

Kennedy, M. J., Romig, J. E., Rodgers, W. J., **Mathews, H. M.**, Peeples, K. (2017, November). *A multimedia-based professional development process to support inclusive science teachers' vocabulary instruction*. Interactive paper presented at the Teacher Education Division of the Council for Exceptional Children conference, Savannah, GA.

**Mathews, H.** (2017, November). *Teacher candidates' perceptions of coherence in special education teacher preparation*. Single paper presentation presented at the Teacher Education Division of the Council for Exceptional Children, Savannah, GA.

Bettini, E. A., Mason-Williams, L., **Mathews, H. M.**, & Rodgers, W. J. (2017, November). *Novice teachers' role, race, and school poverty: Relationships with social resources and commitment to teaching*. Single paper presentation presented at the Teacher Education Division of the Council for Exceptional Children conference, Savannah, GA.

**Mathews, H. M.**, & Hirsch, S. E. (April 21, 2017). *Becoming an informed and research-driven practitioner: Understanding replication*. Single paper session presented at the Council for Exceptional Children Convention, Boston, MA.

Kennedy, M. J., Rodgers, W. J., Romig, J. E., **Mathews, H. M.**, & Peeples, K. (2017, April). *The relationship between cognitive load and teacher performance: Exploring data from four experiments*. Presentation with Q&A presented at the Council for Exceptional Children Conference, Boston, MA.

Cohen, J., **Mathews, H. M.**, & McGraw, J. P. (2017, March). *Understanding the role of edTPA in supporting reflection for teacher candidates*. Roundtable presentation at the American Association of Colleges of Teacher Education Annual Meeting. Tampa, FL.

**Mathews, H. M.** (2016, November). *Understanding the role of EdTPA in supporting reflection for teacher candidates*. Single paper session at the Teacher Education Division of the Council for Exceptional Children, Lexington, KY.

Rodgers, W. J., **Mathews, H. M.**, Romig, J. E., Peebles, K., & Kennedy, M. (2016, November). *Observation tools for special education classrooms: A review of the literature*. Presentation at the Teacher Education Division of the Council for Exceptional Children. Lexington, KY.

**Mathews, H. M.**, Rodgers, W. J., & Youngs, P. (2016, April). *A systematic mixed studies review exploring induction and sensemaking processes for beginning special educators*. Poster Session presented at the American Educational Research Association conference, Washington, DC.

**Mathews, H.** & Rodgers, W. (November, 2015) *Sense-making for special educators: A mixed studies review*. Paper presented at the Teacher Education Division of the Council for Exceptional Children. Phoenix, AZ.

## RESEARCH EXPERIENCE

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**Boston University** Spring 2018 – present  
**Wheelock College of Education and Human Development**  
*Exploring How Special Educators' Working Conditions Contribute to their Engagement of Students with Emotional and Behavioral Disorders in Effective Reading Instruction*  
Principal Investigator, E. A. Bettini

**Boston University** Spring 2018 – present  
**Wheelock College of Education and Human Development**  
*Project VOISE: Validating an Observation Protocol for the Evaluation of Special Educators*  
Principal Investigator, N. D. Jones

**Boston University** Spring 2018 – present  
**Wheelock College of Education and Human Development**  
*Adapting the Day Reconstruction Method (DRM) for Use with Teachers and Assessing its Validity*  
Principal Investigators, Eric Camburn and N. D. Jones

**University of Virginia** Spring 2016 – Spring 2018  
*Using Multimedia to Improve Middle School Science and Special Education Teachers' Use of Evidence-Based Vocabulary Practices, and the Impact of Vocabulary Performance of Students with Disabilities*  
Principal Investigator, M. J. Kennedy

**University of Virginia** Summer 2016 – Spring 2018  
*The Development of Ambitious Instruction in Elementary Mathematics and English Language Arts*  
Principal Investigators, P. Youngs, J. Cohen, R. Berry, D. Anagnostopoulos, and C. Drake

**University of Virginia** Spring 2015 – Spring 2016  
*Understanding the Implementation of edTPA in Teacher Education & Teacher Induction*  
Principal Investigators, J. Cohen and E. Hutt

## UNIVERSITY TEACHING AND TEACHER SUPERVISION

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### COURSE INSTRUCTOR

#### University of Virginia

- EDIS 5100: Characteristics of Emotional and Behavioral Disorders, Summer 2018
- EDIS 5120: Characteristics of Intellectual Disabilities, Summer 2018
- EDIS 5141: IEP and Transition Planning, Summer 2018
- EDIS 4881: Field Experience Elementary, Spring 2018
- EDIS 5010: Curriculum, Instruction, and Assessment for Elem./Spec. Ed., Fall 2016
- EDIS 5870: Seminar: Teaching Internship in Diverse and Urban Communities, Fall 2015

#### Mary Baldwin University

- ED 673: Child and Adolescent Literature for Educators, Summer, 2017
- ED 324: Language Acquisition and Reading II + Practicum, Spring 2017

### TEACHING ASSISTANT

#### University of Virginia

- EDIS 5010: Curriculum, Instruction, and Assessment for Elem./Spec. Ed., Fall 2017
- EDIS 5300: Language Arts Methods, Spring, 2017
- EDIS 3887: Field Experience in Special Education, Spring 2016

### GUEST LECTURER

- EDIS 8380: *Considering the Process: Moving from Deductive to Inductive Coding*, Spring 2018
- EDIS 2010, *Roles and Responsibilities of Special Educators*, Fall 2015
- EDIS 3020, *Communication Disorders: Collaborating to Meet Students Receptive and Expressive Language Needs*, Fall 2015
- EDIS 8010, *Policy Perspectives on Teaching and Teacher Education*, Spring 2017

## K-12 TEACHING EXPERIENCE

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### SPECIAL EDUCATION

<b>Woodlawn Elementary School</b> , Fairfax County Public Schools, Alexandria, VA	2012-2014
<b>Mount Eagle Elementary School</b> , Fairfax County Public Schools, Alexandria, VA	2011-2012
<b>Rockfish River Elementary School</b> , Nelson County Public Schools, Afton, VA	2006-2012
<b>Kyrene Middle School</b> , Kyrene School District, Tempe, AZ	2005-2006

### GENERAL EDUCATION

<b>Eastern Christian High School</b> , North Haledon, NJ	2003 - 2004
<b>The International School</b> , Tegucigalpa, Honduras	2000 - 2003

## CONSULTANCIES

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**Louisiana Department of Education**, Development of Business Rules for Louisiana Teacher Preparation Accountability System, Summer 2018

## SERVICE

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### LEADERSHIP

- Secretary, Teacher Education Division of the Council for Exceptional Children Diversity Caucus, Fall 2018 - present

### REVIEWER

- Conference proposal reviewer:
  - *Society for Research on Educational Effectiveness annual meeting*, Fall 2018
  - *Teacher Education Division, Council for Exceptional Children annual meeting*, Spring 2018
  - *Council for Exceptional Children annual meeting*, Spring 2018
  - *Teacher Education Division, Council for Exceptional Children annual meeting*, Spring 2016
- Conference proposal reviewer: Curry Research Conference, Spring 2015 and Spring 2016
- Guest reviewer:
  - *Journal of Special Education Technology*, Spring 2016 – present
  - *Elementary School Journal*, Fall 2018 – present

### FACILITATOR AND MODERATOR

- Curry School of Education, University of Virginia, *Side by Side Training in Advocacy for LGBTQ+ Youth in Schools*, Spring 2017
- Curry School of Education, University of Virginia, *Women in Academia: Reflections from the Other Side of the Glass Ceiling*, Spring 2016

### PANEL DISCUSSANT

- EDIS 2010, *The Joys and Challenges of Working in Public Education*, Fall 2016
- Curry School of Education Teacher Week, *Why I Teach*, Spring 2015

## PROFESSIONAL AFFILIATIONS

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- American Educational Research Association
- American Association of Colleges of Teacher Education
- Council for Exceptional Children
- Council of Learning Disabilities
- Virginia Council for Exceptional Children