

## Curriculum Vitae

**Constance C. Beecher**  
**Juniper Gardens Children's Project**  
**University of Kansas**  
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### Education

**Ph.D. in Special Education, 2011**

Washington State University, Pullman, WA

*Area of Concentration: Early Intervention, Literacy, and Neuroscience*

*Dissertation "A Latent Growth Curve Analysis of Reading Achievement for an At-risk Population"*

**Master of Science in Speech and Hearing, 1994**

Washington University, St. Louis, MO

*Area of Concentration: Deaf Education*

**Bachelor of Science Education Degree, 1992**

University of Missouri, Columbia, MO

*Area of Concentration: Secondary Social Studies*

### Certification

- Missouri Professional Educator's License, Endorsement K-12 Deaf Education, 8-12 Social Studies
- Autism Consultant Training, Project Access Southwest Missouri State University
- Core Curriculum in Assistive Technology, Missouri Center for Assistive Technology
- Classroom Assessment Scoring System (CLASS) Certified Observer

### Employment

**2012 – present IES Early Intervention Postdoctoral Researcher**

Juniper Gardens Children's Project  
University of Kansas, Kansas City, KS

**2012 – present Educational Technology Consultant**

Meta Education Research Group  
Pullman, WA

**2011 – 2012 Research Associate**

University College  
Washington State University, Pullman, WA

*Responsibilities:*

- Project lead for Math Emporium Effectiveness Study
- Designing and conducting a publishable research study
- Hiring and coordinating tutors and graduate assistants
- Designing and collecting surveys and assessments
- Coordinating data collection and analysis

**2007 – 2012 Instructor**

Teacher Education Program  
Washington State University, Pullman, WA

*Responsibilities:*

- Instructor: SPED 420/520 – Inclusion in Schools (for general education teachers)
- Instructor: SPED 421/521 – Inclusion for Special Education Teachers (online)
- Instructor: SPED 301 – Education of Exceptional Children (online)
- Developed curriculum materials, online content, and assessment emphasizing use of Universal Design and Assistive technology

**2010 – 2010**

**Supervisor**

Master's in Teaching Program  
Washington State University, Pullman, WA

*Responsibilities:*

- Observed, evaluated, and mentored student teachers during teaching practicum

**2007 – 2007**

**Speech and Hearing Clinician**

Oral Language Enrichment Program (OLE)  
Washington State University, Pullman WA

*Responsibilities:*

- Supervised and demonstrated oral language techniques for undergraduate students working with children with hearing loss

**1999 – 2001**

**Special Education Teacher/Statewide Consultant**

Bozeman Public Schools, Bozeman, MT

*Responsibilities:*

- Observed and made recommendations about teaching strategies, placement of students, and effective behavioral management techniques for students with a variety of disabilities in districts statewide, Pk-12.
- Prepared and presented workshops on topics specific to district needs.
- Developed, implemented and supervised the implementation of Individualized Education Programs of students in inclusive and self-contained settings.

**1994 – 1999**

**Special Education Teacher/Consultant**

Columbia Public Schools, Columbia, Missouri

*Responsibilities:*

- Observed and made recommendations about teaching strategies, placement of students, and effective behavioral management techniques for students with hearing impairments, autism and language-based learning disorders.
- Provided consultation and support on Assistive technology selection, implementation, and maintenance.
- Prepared and presented workshops on topics specific to district needs.
- Developed, implemented and supervised the implementation of Individualized Education Programs of students in inclusive, resource and self-contained settings, Pk-3.

**Peer Reviewed Publications**

Beecher, C.C. (2011). Response to intervention: A socio-cultural perspective of the promise and problems. *Journal of Education* 191(3), 1-8.

Beecher, C.C. & Darragh, J. (2011). Using literature that portrays individuals with Autism with pre-service teachers. *The Clearing House*. 84(1), 21-25.

Marino, M.T., Basham, J.D., & Beecher, C.C. (2011). Using video games as an alternative science assessment for students with disabilities and at-risk learners. *Science Scope*, 34(5), 36-41.

Marino, M.T. & Beecher, C.C. (2010). Conceptualizing RTI in 21<sup>st</sup>-century secondary science classrooms: Video games' potential to provide tiered support and progress monitoring for students with learning disabilities. *Learning Disability Quarterly*, 33 (4), 299-311.

Marino, M.T., Black, A., Hayes, M., & Beecher, C.C. (2010). An analysis of factors that affect struggling readers' comprehension during a technology-enhanced STEM astronomy curriculum. *Journal of Special Education Technology*, 25(3), 35-48

Marino M.T., Sameshima, P., & Beecher, C.C. (2009). Integrating TPACK in pre service teacher education: Frameworks for promoting inclusive educational practice. *Contemporary Issues in Technology and Teacher Education*. 9(2), 186-207.

Marino, M.T. & Beecher, C.C. (2008). Assistive technology policy: Promoting inclusive education for students with reading disabilities. *Northwest Passage*, 6(1), 14-22.

### **Publications Under Review**

Beecher, C.C. (2012). Math emporium effectiveness study: A comparison of two web-based math curriculums. *Journal of College Reading and Learning*.

Beecher, C.C., Dale, P., & Mills, P. (2012). A latent growth curve analysis of reading achievement for a referred population. *Journal of Special Education*

Marino, M.T., Beecher, C.C., Israel, M., & Basham, J.D. (2012). Students' and teachers' perceptions of using video games to enhance science instruction. *Journal of Science Education and Technology*.

### **Conference Presentations**

Beecher, C. C. (2012). *Dynamic Analysis: An example applied to reading with a latent growth curve model*. Association of Literacy Educators and Researchers, Annual Convention, Grand Rapids, MI.

Marino, M.T., Beecher, C.C., Coy, K. (2012, April 12). *Teaching with video games: Engaging all students in STEM education*. Council for Exceptional Children Annual Convention. Denver, CO.

Beecher, C.C. (2012, February 23). *Preschool Predictors of Reading Trajectories for a Referred Population*. Annual Conference on Research Innovations in Early Intervention, San Diego, CA.

Beecher, C.C. & Strand, P. (2011, August 24). *PLC's and Developmentally appropriate practice: What can early learning and primary teams learn from each other?* Annual RTI/PLC Institute, Educational School District 123, Richland, WA.

Beecher, C.C. (2011, April 27). *Factor Analysis of the PIAT: Uses and Misuses*. Poster

presented at Council for Exceptional Children Annual Convention. Bar Harbor, MD.

Beecher, C. C. & Messinger-Williams, J. (2010, November 4) *A Socio-cultural model of RTI*. Association of Literacy Educators and Researchers Annual Convention, Omaha, NE.

Beecher, C. & Gotch, C. (2010, May 13). *The connection between early language skills and later reading ability in at-risk children*. Poster presented at the Washington State University President's Summit on Early Learning, Seattle, WA.

Beecher, C.C. & Darragh, J. (2009, April). *Using Literature that Portrays Individuals with Autism with Pre-service Teachers*. Council for Exceptional Children Annual Convention. Seattle, WA.

Inglebret, E. & Beecher, C.C. (2007, April). *Culturally responsive intervention for American Indian children: A service learning project*. Native American Research and Outreach Expo, Pullman, WA.

### **Proposed Conference Presentations**

Beecher, C.C., Miller, D., & Itani, M. (2012). *Using Assistive Technology for Group Instruction in Early Childhood*. Submitted to Council for Exceptional Children, Annual Convention, San Antonio, TX.

### **Research**

**2011-2012** Using Assistive Technology in Early Childhood Special Education, P.I.

**2011-2012** Math Emporium Effectiveness Study, Project Lead

**2010-2011** Ellison Foundation Grant, graduate assistant

**2009-2011** Alhadeff Early Intervention Grant, graduate assistant

#### *Responsibilities:*

- Conduct quantitative analysis of longitudinal data set related to early language and literacy outcomes
- Conduct and synthesize literature searches
- Write dissemination reports of results for publication
- Present results at local and national conferences

### **Funded Grants**

**2011-2012** Using Assistive Technology in Early Childhood Special Education

#### *Responsibilities:*

- Develop and submit proposal
- Design and conduct a publishable research study with co-investigator
- Coordinate data collection and analysis
- Coordinate technology purchase and implementation
- Disseminate results

### **Professional Associations**

- Council for Exceptional Children (CEC)
- American Education Research Association (AERA)
- Association of Literacy Educators and Researchers (ALER)

- Society for the Scientific Study of Reading (SSR)
- International Mind, Brain, & Education Society (IMBES)

### **Awards and Honors**

- Graduate and Professional Student Association's Teaching Assistant of the Year for Washington State University, 2009
- Council for Exceptional Children, Division of Research Doctoral Student Scholar, 2011

### **Service**

- Board of Directors, Montessori Pre-K School
- Reviewer, Journal of Research in Special Education Needs
- Program Committee, ALER 2012 Conference
- Reviewer, National Professional Development Center on ASD –Evidence-based Practice Update