

**Mary HYNES-BERRY**  
**Erikson Institute: Graduate School in Child Development**  
**451 N. LaSalle St.**  
**Chicago IL, 60654**  
**(312) 755-2250**

### **ACADEMIC HISTORY**

**Ph.D.** University of Wisconsin, Madison May, 1974 English  
**M.A.** University of Wisconsin, Madison, May 1968 English  
**B.A.** Trinity College, Washington, D.C.; English, June, 1966

#### **Early Childhood Education: Pre-service and In-service**

**6/96-present Erikson Institute for Early Childhood**

**Courses taught on a regular basis:**

- *Language Development*
- *Key concepts in teaching and learning in the disciplines in early childhood*
- *Methods classes for K-3: Mathematics; Science, Social Studies*
- *Integrative seminar and supervision of Student Teachers in practicum placements*

#### **Erikson Research and Professional Development Projects**

**9/ 2007- *Early Math Collaborative*** Founding Member of Senior Content Development Team

- *Facilitator for EMC Learning Labs*
- *Since 6/2014, Project Director for MAAM (Math All Around Me); materials to improve 0-3 caretakers understanding and practice supporting 0-3s development of precursor concepts for mathematical thinking.*
- *3 years, with Dr Jie-Qi Chen, developing and implementing Learning Labs on effective teaching of mathematics for Ounce of Prevention's Educare School Chicago:*
- *Developed and deliver on-going programs with Kentucky Center for Mathematics and the Chicago's Big Shoulders Fund to develop Learning Lab Facilitators who deliver a series of Learning Labs based on EMC's *Big Ideas of Early Mathematics*. These programs have impacted over 300 ECE teachers in Kentucky and Illinois*

**9/2001- *Professional Development***

- *The StoryBus Project: Developed & implemented 9-15 hours of professional development series for preschool and kindergarten teachers, focused on using a single classic children's tale across the curriculum.*
- *Agencies and organizations for which I have provided extended services in this capacity include Educare- Ounce of Prevention project; Big Shoulders Fund, Chicago Community Partners; Chicago Children's Museum; Art Institute of Chicago, Happy Families, Casa Central, East Aurora Early Childhood Department.*

**2004-2009 *New Schools Project***

#### **Independent Consultant/ Professional Development provider**

- **8/96- 2007 Project Manager and Consultant with Hug-A-Book**, a non-profit literacy development program that stresses use of high quality literature in an integrated curriculum.
  - *In addition to selecting children's books, I did staff and parent workshops at early childhood sites.*
  - *From 1994 to 1999, I project-managed and acted as a consultant for the *Stone Soup Network* (Hug-a-Book and three Chicago Public Schools) that was funded by the Annenberg Challenge Grant for Schools.*

**5/93-6/95 Project Director, *Encyclopedia Britannica Mathematics System, Developing Mathematical Power<sup>2</sup>***, for grades K-2 (complete) and Grades 3-4 *Encyclopedia Britannica Educational Corporation*. Responsibilities included:

- Worked closely with program author, writers and editors through all stages of development.
- Managed production stages, including print, art, and manipulatives.
- Selected and wrote 30 folk tales to introduce mathematical thinking focus of each unit

#### **1/89-6/93 Developed and Implemented Family Literacy Programs**

- PIIP Literacy Project Parent-Infant-Interventions Program (PIIP) of the Child Development Center (Michael Reese Hospitals)  
1992 LeClaire Hearst Center, Family Literacy Program (with by Dr. Gillian McNamee of Erikson Institute for Early Education)

#### **Since 1976, Oral Storytelling in Classrooms**

- Sessions are scheduled on an on-going basis; they feature original stories, folk and fairy tales, myths, epics and legends and include extending activities to foster creativity, critical thinking, and a context for teaching mathematics and science. For over 20 years, 100-200 children a week heard the stories.
- I also produced and appeared in *Fantasy and Fairytales*, 60 half-hour storytelling shows that were shown on Chicago, Public Access Television.

#### **Professional Publications**

- 2019, Hynes-Berry & Grandau, Laura. *Where's the Math: Using books, stories and routines to spark young child's thinking*, NAEYC press. Chosen as Member premium book Aug 2019
- 2018, Hynes-Berry, McCray with Goldin Meadow. "The role of gesture in teaching and learning math" & Brownell, Hynes-Berry with Baroody, "Pathways to Basic Combination Fluency in the Primary Grades " in *Growing Mathematical Minds*, ed McCray, Chen & Sorkin. Routledge
- 2017. "Nurturing Mathematical Thinkers from Birth: The Why, What, and How" In *Zero to Three Journal* Vol. 37 No 5, 23-34 (joint author with J.Chen, B. Abel, C.Sims, L. Ginet)
- 2014. "Stories and storytelling: good for the heart and the mind," In ***Expressive Writing: Classroom and Community***, ed. Kay Adams. Boulder: Rowman and Littlefield.
- 2014. Joint author (Erikson Math Collaborative). *Big Ideas of Early Mathematics Education*. Pearson.
- 2012. "Opening the Heart through Open-ended Questions: Using Texts for Self-Understanding." In *Journal of Humanities Therapy:Vol3. December 2012. Pp. 41-66.*
- 2011. ***Don't Leave the Story in the Book: Using Children's Literature for Inquiry across the Curriculum.*** Teacher's College Press.
- 2012. Arleen Hynes and Mary Hynes-Berry. ***Bibliotherapy: the Interactive Process--A Handbook for Class or Self-Study.*** 3<sup>rd</sup> edition revised and updated by Joy Sawyer. North Star Press.
- 2009. Hynes-Berry and Itzkowich, "The Gift of Error" in *Conversations on Early Childhood Teacher Education*. Ed S Gibbons and C. Gibbs. World Forum Foundation.
- 1994. ***Developing Mathematical Power***, K-2. 1994 Encyclopedia Britannica Educational Corporation, (credited as Program Director and as author of Folk tales. Program authors are Dr. Thomas Romberg, Dr. John Harvey, Mary Kay Tornrose-Dyer.

Membership in Professional Organizations

- National Association for the Education of Young Children (NAEYC)
- ASCD (Association for Supervision and Curriculum Development)
- National Council of Teachers of Mathematics (NCTM)
- Zero to Three

Recent Presentations Include:

- *More More More said the baby:-Emergence of Number Sense in infants and Toddlers.* NAEYC Annual Conference, Nashville, Nov. 2019,
- *Where's the Math? - A Day with the Authors. Featured Preconference workshop: NAEYC 2019*
- *Closely Attending and Intentionally Responding to 0-3 Caregivers supports Positive Dispositions toward Math and Knowledge about math opportunities in Play.* Poster . Zero to 3 National Conference, Fort Lauderdale, October 2019.
- *Is it Fair: Exploring the math in children's books related to equity, equivalence and equalizing.* June 2019 NAEYC PLI
- *Teachers Teaching teachers how to fish.* March 2019 NCSM presented with 4 teacher Professional Development Leaders from the Erikson-Big Shoulders Fund program.
- *Using picture books to help children see and talk about math all around them (With Laura Grandau) NAEYC National, 2018*
- *Teaching teachers how to fish: Facilitating professional growth through parallel processing (with Lauren Solarski) NAEYC PLI, 2018*
- *A Variety of play: Definitions, functions and benefits, with Chen, Bowman, McCray, & Kaldor NAEYC PLI, 2018*
- *Mathematical Thinking Begins at the Beginning: Supporting precursor mathematical concepts in 0-3s prepares the ground for robust number sense, with Jie-Chen, Barbara Abel, Lisa Ginert; NAEYC 2017;*
- *It's Never too Early:Supporting Mathematical Thinking in 0-3. Gateways Higher Education Forum, with J. Chen Bloomington IL April, 2017.*
- *Treat Numbers as Attributes: Give Children a Headstart on Rational Counting.* National Headstart Conference and Expo, April 2017.
- *Understanding the Mathematical World for Infants and Toddlers.* 20 Annual Infant Toddler Conference, Keynote Speaker with Jie-Chen & Barbara Abel March 2017
- *Building the Joy of Math All Around Me from the Ground Up, NAEYC PDI, June 2016*
- *Yes MAAM: Finding Mathematics All Around Me with 0-3 Caregivers NAEYC, Nov. 2015*
- *Facilitating the Growth of Highly Effective Facilitators* New Mexico Mentoring Conference October 2015
- "Every Operation Tells a Story." NCTM April 2015.
- "How About Those 3 Little Pigs: Using Stories to Bring STEM( Science, Technology, Engineering and Math) & Literacy to Life" NAEYC, Nov. 2014.
- "Putting Common Core Standards for Mathematical Practice to work in professional development: Learning labs versus training " NAEYC PDI June 2014
- "Don't Leave the Story in the Book: Bringing Measurement to Life" NAEYC, Nov. 2013

- “It’s the Praxis that Counts” NCTM Regional Convention, Las Vegas, Oct 2013
- “Engaging Teachers as Learners: Professional Development Learning Labs.” Social Psychology of the Classroom International Conference 2013; July 16, 2013; New Zealand.
- “Reasoning for Readiness: Mathematics Rules, Arithmetic provides the tools” Keynote Presentation for Kentucky Center for Mathematics Conference, Feb. 25, 2013.
- *Don’t Leave the Story in the Book: Using Storytelling and Creative Dramatics to develop Language and Literacy.* 2 day professional development workshops for Minneapolis Children’s Theater Early Bridging Program. January 2013.
- “Reasoning for Readiness: Mathematics Rules, Arithmetic provides the tools” Keynote Presentation for Kentucky Center for Mathematics Conference, Feb. 25, 2013.
- “It’s the Story that Counts” Chicago Metro Association for Young Children conference, January 2013.
- “Opening the Heart through Open-Ended Questions: Using stories for self-understanding.” Invited Speaker to the 11th International Conference on Philosophical Practice and the 4th International Conference on Humanities Therapy. Kangwon National University, Korea. July 16 - 19, 2012.
- “Teaching Teachers about Guided Inquiry: Reading an Object and Drawing Like a Scientist”
- Colloquium on P-12 STEM Education Research, 2012. University of Minnesota.
- Keynote speaker. Discovery Toys Conference. St. Charles, IL. July 29, 2012.
- What’s the Story about Foundational Mathematics, CMAEYC, January 2012.
- Exploring the big ideas of measurement: How young mathematicians play with stories. NAEYC, Orlando Fl. November 2011
- Big Ideas in Foundational Mathematics, NAEYC, Orlando, Fl. November 2011.
  - Do You Teach Naked Science? Colloquium on STEM Education Research. St Paul, Aug 16, 2011.
  - Don’t Leave the Story in the Book: Inquiry Across the Curriculum, IRA, 2011
  - Down with Naked Numbers: Why Stories are Important for Foundational Math. NAEYC PD 2011:
  - Down with Naked Numbers, ILAEYC, October 2010
  - Where’s the Math in Stories: CMAEYC Opening Minds. January 2010.