

## BRENDA S. LESSEN KNOLL

### EDUCATION

Ph.D. University of Illinois at Chicago  
2008 Maternal Child Nursing  
Neonatal Science

M.S. University of Illinois at Chicago  
1995 Community Nurse Specialist  
Maternal/Child Emphasis

B.S.N. Illinois Wesleyan University  
1989 Bloomington, Illinois

### PROFESSIONAL EXPERIENCE

2/22 – President/Founder: PIOMI, LLC (Bloomington, Illinois)  
present

8/15 – School of Nursing, Illinois Wesleyan University, Bloomington, Illinois  
present Associate Professor of Nursing (Tenured)

5/16 – Instructional Assistant Professor (adjunct)  
7/18 Mennonite College of Nursing at Illinois State University, Normal, Illinois

8/09 – Assistant Professor of Nursing  
8/15 School of Nursing, Illinois Wesleyan University, Bloomington, Illinois

8/10 – Instructional Assistant Professor (adjunct)  
5/13 Mennonite College of Nursing at Illinois State University, Normal, Illinois

8/08 – Visiting Instructor in Nursing  
5/09 School of Nursing, Illinois Wesleyan University, Bloomington, Illinois

8/05 – Adjunct Instructor in Nursing (part time)  
5/08 Methodist College of Nursing, Peoria, Illinois

8/05 – Adjunct Instructor in Nursing (part time)  
5/08 School of Nursing, Illinois Wesleyan University, Bloomington, Illinois

8/02 – Visiting Instructor in Nursing  
8/05 School of Nursing, Illinois Wesleyan University, Bloomington, Illinois

8/06 – Temporary Full Time Faculty (Overload)  
12/06 Richland Community College, Decatur, Illinois

8/99 – Instructional Assistant Professor (part time)  
7/02 Mennonite College of Nursing at Illinois State University, Normal, Illinois

4/99 – Pediatric/Mother-Baby RN – Registry (part time)  
3/03 BroMenn Home Health, Normal, Illinois

1/95 – Clinical Instructor/Lecturer  
5/99 Mennonite College of Nursing, Bloomington, Illinois

3/94 – Clinical Education Coordinator, Nursing Division  
6/95 Proctor Hospital, Peoria, Illinois

4/92 – Registry RN, Level II Nursery/Pediatrics (part time)  
6/95 BroMenn Regional Medical Center, Bloomington, Illinois

12/91 – Clinical Educator, Maternal/Child, Med/Surg  
3/94 Proctor Hospital, Peoria, Illinois

10/90 – Nurse Manager, Pediatrics  
11/91 Proctor Hospital, Peoria, Illinois

5/89 – Staff RN, Level III Neonatal Intensive Care Unit  
10/90 OSF Saint Francis Medical Center, Peoria, Illinois

**LICENSURE**

Registered Professional Nurse, State of Illinois (1989-present)

**CERTIFICATIONS**

American Academy of Pediatrics Neonatal Resuscitation Program Instructor (1993-2018)  
Cardiopulmonary Resuscitation(CPR) Provider (1985-present)

**PROFESSIONAL MEMBERSHIPS**

Sigma Theta Tau International Honor Society of Nursing (SIGMA) (1996-present)  
Theta Pi Chapter (2004-present)  
Faculty Counselor/Governance Chair (2010-2015)  
National Association of Neonatal Nurses (2008-present)  
Research Special Interest Group (SIG) (2021-present)  
Association of Women’s Health, Obstetric and Neonatal Nurses (2010- present)  
Academy of Neonatal Nurses (2013-present)  
International Orem Society (2012-2019)  
National Association of Neonatal Therapists (2022-present)

**TEACHING EXPERTISE**

● **ILLINOIS WESLEYAN UNIVERSITY**

2014 – 2024 N430 Maternal and Newborn Nursing  
Course Coordinator: Theory and Clinical  
N450 Leadership and Management  
Clinical and Clinical Coordinator  
N485 Senior Seminar in Nursing (2020-present)  
N460 Community Health Clinical (2018)  
G100 Gateway: Controversies in Women’s Health (2015-16, 2018-19)

2013 – 2014 N430 Maternal and Newborn Nursing  
Course Coordinator: Theory and Clinical  
H370 Women’s Health  
N450 Leadership and Management  
Clinical

2011 – 2013 N430 Maternal and Newborn Nursing  
Course Coordinator: Theory and Clinical  
N360 Child and Adolescent Nursing  
Course Coordinator: Theory and Clinical

2010 – 2011 N460 Epidemiology and Community Health Science  
Clinical

2009 – 2010 N260 Health Assessment and Communication  
Course Coordinator: Theory and Lab

2009 – 2010 H370 Women’s Health

2008 – 2011 N410 Nursing to Promote Stabilization of Vital Functioning (High Risk Maternal and Newborn Nursing)  
Clinical

2008 – 2010 N250 Nursing and Health Promotion (Well Elderly Nursing)  
Clinical

2008 – 2009 N219 Interactive Processes in Nursing

	Course Coordinator: Theory and Lab
2006 – 2008	N460 Epidemiology and Community Health Science Clinical
2002 – 2005	N460 Epidemiology and Community Health Science Course Coordinator: Theory and Clinical
2002 – 2005	N219 Interactive Processes in Nursing Lab
	N220 Health Assessment Across the Lifespan Lab
2002 – 2003	H330 Human Sexuality

● **METHODIST COLLEGE OF NURSING**

2005 – 2008	N310 Health Assessment Across the Lifespan Lab
2005 – 2008	N420 Pediatrics in the Community: Accelerated Program Clinical

● **RICHLAND COMMUNITY COLLEGE**

2006	N150 Maternal Child Nursing (temporary full-time position) Clinical
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● **MENNONITE COLLEGE OF NURSING AT ILLINOIS STATE UNIVERSITY**

2016 – 2018	N327 Leadership in Nursing Clinical
2010 – 2013	N316 Maternal Infant Nursing Clinical
1999 – 2002	N316 Maternal Infant Nursing Clinical
	N329 Community Health Nursing Clinical
	N225 Health Assessment Lab
1995 – 1999	N316 Maternal Infant Nursing Theory and Clinical

**PUBLICATIONS  
MANUSCRIPTS**

- Ghazi, S., Faramarzi, R., **Lessen Knoll, B.**, Taghipour, A., Hajebi S. & Sobhani-Rad, D. (2024) Comparing the effects of 5-minute premature infant oral motor intervention with 15-minute Fucile treatment in term infants with feeding difficulties: A multi-arm randomised clinical trial, *International Journal of Speech-Language Pathology*, Online Mar 20, 2024.
- Ghazi S, Faramarzi R, Boskabady A, **Lessen-Knoll B**, Ghaemi H, Taghipur A et al . (2023) The effect of the 5 minute Premature Infant Oral Motor Intervention (PIOMI) versus the 15 minute oral stimulation program for breastfeeding achievement in term infants with feeding problems: A randomized clinical trial. *Iranian Rehabilitation Journal*; 21 (2) :5-5
- Shetty, A.P., Saha, B., **Lessen Knoll, B.**, Mukherjee, S. & Sasmal, S. (2023) Effect of prefeeding oromotor stimulation on oral feeding performance of preterm neonates during hospitalization and at corrected one month of age at a tertiary neonatal care unit of India- A randomized controlled trial. *Journal of Neonatology*, 36(4),1-10. doi.org/10.1177/09732179221143185
- Elmira Shokri, Talieh Zarifian, Farin Soleimani, **Brenda Lessen Knoll**, Ziba Mosayebi, Mahdi Noroozi & Kiana GhasrHamidi. (2023) Effect of premature infant oral motor intervention(PIOMI) combined with music therapy on feeding progression of premature infants: a randomized control trial. *European Journal of Pediatrics*, 182 (10): Oct.

- Guler, S., Cigdem, Z., **Lessen Knoll, B.**, Ortabay, T., & Yakut, Y. (2022) Effect of the premature infant oral motor intervention (PIOMI) on sucking capacity in preterm infants in Turkey: A randomized- controlled trial. *Advances in Neonatal Care*, 22 (6).doi: 10.1097/ANC.0000000000001036
- Isazadeh, R., Malakian, A., Naderifar, E., Dastoorpoor, M., **Lessen Knoll, B.**, Moradi, N. (2022) Mother's involvement in assessing feeding skills of premature infants. *International Journal of Pediatric Otorhinolaryngology*, 154. <https://doi.org/10.1016/j.ijporl.2022.111069>
- Majoli, M., DeAngelis, L.C., Panella, M., Calevo, M.G., Serveli, S., **Lessen Knoll, B.** & Ramenghi, L.A. (2021) Parent-administered oral stimulation in preterm infants: A randomized, controlled, open-label pilot study. *American Journal of Perinatology*, June. doi: 10.1055/s-0041-1731452
- Louyeh, Z.S., Naderifar, M., Faghihi, H., **Lessen Knoll, B.** & Mahmoudi, N. (2020). Comparing the effect of breast milk odor and incubator cover on nutritional adequacy of premature infants: A quasi-experimental study. *Medical Surgical Nursing Journal*, 9(2), e99993. doi:10.5812/msnj.99993
- Lessen Knoll, B.**, Daramas, T. & Drake, V. (2019) Randomized trial of a prefeeding oral motor therapy and its effect on feeding improvement in a Thai NICU. *JOGNN Journal of Obstetrical, Gynecological and Neonatal Nursing*, 48(2), 176-188. doi: 10.1016/j.jogn.2019.01.003  
\*Nominated for 2020 BEST OF JOGNN WRITING AWARD
- Mahmoodi, N., **Lessen Knoll B.**, Keykha, R., Jalalodini, A., & Ghaljaei, F. (2019) The effect of oral motor intervention on oral feeding readiness and feeding progression in preterm infants. *Iranian Journal of Neonatology*, 10 (3),58-63. doi: 10.22038/IJN.2019.34620.1515
- Ghomi, H., Yadegari, F., Soleimani, F., **Lessen Knoll, B.**, Noroozi, M & Mazouri, A. (2019) The effects of premature infant oral motor intervention (PIOMI) on oral feeding of preterm infants: A randomized clinical trial. *International Journal of Pediatric Otorhinolaryngology*, 120, 202-209. doi: 10.1016/j.ijporl.2019.02.005
- Lessen, B.**, Morello, C. & Williams, L. (2015). Establishing intervention fidelity of an oral motor intervention for preterm infants. *Neonatal Network: The Journal of Neonatal Nursing*, 34 (2), 72-82.
- Lessen, B.** (2011). Effect of the premature infant oral motor intervention (PIOMI) on feeding progression and length of stay in preterm infants. *Advances in Neonatal Care*, 11(2), 129-139.
- White-Traut, R., Berbaum, M., **Lessen, B.**, McFarlin, B & Cardenas, L. (2005). The relationship of feeding readiness behaviors and behavioral state to feeding efficiency. *Maternal Child Nursing*, 30(1), 52-59.

## BOOK CHAPTER

- Bolzan, G.P., Ciochetto, C.R., **Lessen Knoll, B.**, Silveira, F.P.H., & Weinmann, A.R.M. (2023). Programa de intervenção motora oral para recém-nascidos pré-termo (PIOMI). In F. Zimmermann (Ed.), *Construindo a Fonoaudiologia neonatal no Brasil* (1st ed., pp. 138-151). Book Toy. [Oral motor intervention program for preterm newborns (PIOMI). In "Building Neonatal Speech Therapy in Brazil"]

- **ABSTRACTS**

- Lessen, B. (2013). Going interdisciplinary with research and practice: Partnering RNs and developmental therapists to provide oral motor therapy in the NICU. [Abstract]. *Neonatal Network: The Journal of Neonatal Nursing*, 23(6), e16.
- Lessen, B. (2013). Postpartum hemorrhage high-fidelity nursing simulations: Embedding QSEN competencies. [Abstract]. *Neonatal Network: The Journal of Neonatal Nursing*, 23(6), e16.
- Lessen, B. (2012). Premature infant oral motor intervention (PIOMI): Translating interventional research into interdisciplinary practice [Abstract]. *Neonatal Network: The Journal of Neonatal Nursing*, 31(6), e33.

- **MEDIA**

Premature Infant Oral Motor Intervention (PIOMI) Instructional DVD: Twin Star Media Group, Bloomington, IL Copyright 2012

Premature Infant Oral Motor Intervention (PIOMI) Instructional DVD TRAILOR: Twin Star Media Group, Bloomington, IL Copyright 2012

[www.PIOMI.com](http://www.PIOMI.com) (Wix)

<https://www.facebook.com/pretermoralmotor>

[https://www.instagram.com/preterm\\_infant\\_piomi/](https://www.instagram.com/preterm_infant_piomi/)

- **PRINT MATERIALS**

PIOMI Premature Infant Oral Motor Intervention, Twin Star Media Group, Bloomington, IL Original English version, Copyright 2012

Thai version, Copyright 2014

Italian version, Copyright 2016

Persian version, Copyright 2017

Chinese (Taiwan) version, Copyright 2018

Spanish version, Copyright 2019

Turkish version, Copyright 2019

Portuguese (Brazilian) version, Copyright 2020

Filipino version, Copyright 2020

Vietnamese version, Copyright 2021

Hindi-Gujarati version, Copyright 2021

Mainland Chinese version, Copyright, 2022

Japanese version, Copyright 2023

European Portuguese version, Copyright 2023

German version, Copyright 2023

Nepali version, Copyright 2023 (pending)

Somali version, Copyright 2023 (pending)

Karen version, Copyright 2023 (pending)

Tamil (India) version, Copyright 2024 (pending)

PIOMI Premature Infant Oral Motor Intervention [Illustrated Version], Twin Star Media Group, Bloomington, IL Copyright 2012

PIOMI Reliability Rating Tool, Twin Star Media Group, Bloomington, IL Copyright 2012

PIOMI Quick Reference, Twin Star Media Group, Bloomington, IL Copyright 2012

PIOMI Quick Reference for ID Badge, Twin Star Media Group, Bloomington, IL Copyright 2012

## ONGOING RESEARCH

- 2024 Co-investigator with M. Anbupriya from SRM College of Physiotherapy and SRM Institute of Science and Technology in Kattankulathur, India on a 5 case study on PIOMI and feeding readiness.
- 2024 Co-investigator with Aylin Demirci at Marmara University in Turkey on PIOMI and preterm infant outcomes after discharge.
- 2024 Co-investigator with Dr Anand Kumar from Dept. of Neonatology at Saveetha Medical College in Kuthambakkam, India on PIOMI and breastfeeding measured by PIBBS.
- 2024 Co-investigator with Serife Tutar in Suleyman Demirel University, Isparta, Turkey on PIOMI+kangaroo and PIOMI+music.
- 2023 Co-investigator with Puja Padbidri, in Pune, India on PIOMI and breastfeeding/parental involvement.
- 2023 Co-investigator with Fatima Pina at Hospital Dr Nelio Mendonca, Island of Madeira. Portugal on PIOMI and breastfeeding outcomes.
- 2023 Co-investigator with Dr. Hilal Kurt Sezer at Nigde Omer Halisdemir University in Nigde, Turkey on effects of PIOMI with breastmilk vs PIOMI alone.
- 2023 Co-investigator with Suvashri Sasmal et al: Kolkata, India on PIOMI effects on 4 established feeding and breastfeeding tools (EFS, POFRAS, PIBBS, NeoEAT). 2 studies: one prior to discharge, and a 2<sup>nd</sup> study on effects into early infancy. Focus on breastfeeding.
- 2023 Co-investigator with Dr Selver Guler in Gazientep, Turkey on PIOMI effect on duration of breastfeeding at one year of age. [Submitted]
- 2023 Co-investigator with Shamim Ghazi at Mashhad University of Medical Sciences (MUMS), Mashhad, Iran on comparing 5 minute PIOMI with 15 min on term infants. **[Published]**
- 2022 Co-investigator with Suvashri Sasmal et al: Kolkata, India. Effect of prefeeding oromotor stimulation on oral feeding performance of preterm neonates during hospitalization and at corrected one month of age at a tertiary neonatal care unit of India- A randomized controlled trial. **[Published]**
- 2022 Co-investigator with Ehsan Naderifar, et al: A single-subject study to assess PIOMI combined with kinesio-tape in premature infants with feeding problems. Speech Therapy Department, Rehabilitation School. Iran University of Medical Sciences (IUMS), Tehran, Iran [Accepted]
- 2022 Co-investigator with Elmira Shokri, et al: Effect of PIOMI combined with music therapy on feeding progression of premature infants. Dept. of Speech Therapy, University of Social Welfare and Rehabilitation Services, Tehran, Iran. **[Published]**
- 2022 Co-Author on Book Chapter with Geovana Bolzan: Brazil. In Portuguese. Speech Language Therapy: Neonatal Oral Motor Stimulation-Best Practice **[Published]**
- 2022 Co-investigator with Renu Agrawal et al. The safety and efficacy of PIOMI on high-risk infants in the Neonatal ICU. Neoclinic Childrens Hospital, Jaipur India [In progress]
- 2021 PhD Dissertation Committee: Ehsan Naderifar (SLP) Mother's involvement in assessing feeding skills in preterm infants. Speech Therapy Department, Rehabilitation School. Iran University of Medical Sciences (IUMS), Tehran, Iran. **(Published)**

- 2021 MSc Dissertation Committee: Shamim Ghazi (SLP). Effect of PIOMI vs FUCILE on term infants with dysphagia. Mashhad University of Medical Sciences (MUMS), Mashhad, Iran. [**Published**]
- 2021 Post-Doc Adviser: Sadiye Dur: Systematic Review/Meta Analysis of PIOMI and/or Breastfeeding & PIOMI. Izmir Democracy University, Turkey [In progress]
- 2020-2022 PhD Dissertation Committee: Selver Guler. Measuring sucking power after PIOMI. Department of Nursing, Faculty of Health Sciences, Gaziantep, Turkey. [**Published**]
- 2019 Graduate Committee: Giulia Valisi. Oral motor therapy implementation in the NICU. Roma Tor Vergata University, Rome, Italy [In progress]
- 2019 Co-author and Portuguese translation with Geovana Bolzan et al. Premature Infant Oral Motor Intervention (PIOMI) combined with vibratory stimulus on feeding progression and length of stay. Federal University of Santa Maria, Brazil. [Under review]
- 2018 PhD Dissertation Committee: Maheswari Ganesan. Effect of oral stimulation alone or combined with tactile/kinesthetic on preterm infant feeding parameters. Saveetha University, India. [In progress]
- 2018-2019 Appointed Advisor: Hadiseh Ghomi. Evaluation of the PIOMI on oral feeding progression in preterm infants with gestational ages between 26-29 weeks. University of Social Welfare and Rehabilitation Services, Tehran, Iran (**Published**)
- 2016-2019 Graduate Advisor: Ehsan Naderifar, Speech Therapy Department, Ahvaz Jundishapur University of Medical Sciences (AJUMS), Ahvaz, Iran
- 2016-2018 Co-Principal Investigator: Marta Majoli: Mother's providing the PIOMI to preterm infants: Effect on feeding efficiency and maternal empowerment. Genoa, Italy. [**Published**]
- 2014-2018 Co-Principal Investigator: The effect of a peri-oral sensory motor intervention on feeding readiness, feeding progression and length of stay in preterm infants (with Dr. W. Akhter). St. Luke's University Hospital, Bethlehem, PA. IRB # 2013-100 ( presented at national conference)
- 2013-2018 Co-Principal Investigator: Effect of oral stimulation on transition from tube to oral feeding and feeding efficiency in preterm infants (with Dr. Tipawan Daramus). Ramathibodi School of Nursing, Mahidol University, Bangkok, Thailand. IRB # 01-56-40 [**Published**]
- 2011 Invited Expert Research Consultant (with honorarium) Maternal and Infant Studies J. Reckner Associates, Inc., Montgomery, PA
- 2005 Neurobehavioral responses of preterm infants to ATVV intervention. NIH/NRSA Pre-doctoral Grant Submission (Scored)
- 1996 Research Assistant to Dr. Eileen Fowles: Fowles, E. (1999). The Brazelton neonatal behavioral assessment scale and maternal identity. *The American Journal of Maternal/ Child Nursing*, 24(6), 287-293. (Acknowledged in print.) [**Published**]
- 1995 Postpartum Mother's Perceptions of Competence for Newborn Care Master's degree original quantitative research across five centers (unpublished)

**JOURNAL  
REVIEWER**

- 2023 – present *Breastfeeding Medicine*
- 2023 – present *Health Science Reports*
- 2022 – present *Journal of Obstetrical, Gynecological and Neonatal Nursing (JOGNN)*
- 2019 – present *Journal of Pediatric Rehabilitation Medicine*
- 2017 – present *Neonatal Network*

2016 – present *Journal of Pediatrics*  
2015 – present *Pediatrics*

**CHAPTER REVIEW** 2014 Chapter Reviewer in Boynton, B. (2016) *Successful Nurse Communication: Self Care, Health Workplaces & Rewarding Careers, Chapter 5: Patient Safety*. FA Davis Company, Philadelphia, PA

**GRANTS** 2022 Women Empowered: OSF St. Joseph Medical Center Foundation Grant for PIOMI Training and Implementation Program in the Level 2 NCCU, \$4,000  
2013 Sigma Theta Tau International Honor Society of Nursing, Theta Pi Chapter Research Award, \$500  
2012 The Illinois Board of Higher Education Nurse Educator Fellowship, \$10,000  
2011 Illinois Wesleyan University Curriculum Development Grant (with Dr. Susan Swanlund) for Development of Quality and Safety in Nursing Education (QSEN) Competencies for Senior Nursing Courses, \$5,000

**PEER-REVIEWED  
PROFESSIONAL  
PRESENTATIONS**

9/23 “The Premature Infant Oral Motor Intervention (PIOMI): REhabilitation or PREhabilitation?” (Expert Feeding Panel) 29<sup>th</sup> Annual Japanese Society of Dysphagia Rehabilitation (JSDR), Yokohama, Japan (*upcoming*)  
9/21 “Oral Motor Development for Better Feeding: Learn PIOMI” 4 hr PRECONFERENCE Session Academy of Neonatal Nursing: 21<sup>st</sup> National Neonatal Nurses Conference, Chicago, IL  
5/20 “Capturing the Moment: International Evidence Supporting Early Oral Motor Therapy” (Poster Presentation with Riley Brovelli, Class of 2021) National Association of Neonatal Therapists (NANT) 10, Cincinnati, OH: Virtual.  
9/17 “From Feeding Efficiency to the Feeding Experience: External Validity of Neonatal Oral Motor Research” (Poster Presentation with Victoria Drake, Class of 2018) Academy of Neonatal Nursing, 17<sup>th</sup> National Neonatal Nurses Conference, Las Vegas, Nevada  
4/16 “Establishing Intervention Fidelity in Neonatal Practice: Lead the Way” (Paper Presentation) Academy of Neonatal Nursing, 13<sup>th</sup> National Advanced Practice Neonatal Nurses Conference DOI: 10.13140/RG.2.1.1477.1601 San Diego, California  
4/16 “Premature Infant Oral Motor Intervention: Comparing International Evidence” (Poster Presentation with Tess Bottorff, IWU Class of 2016) Academy of Neonatal Nursing, 13<sup>th</sup> National Advanced Practice Neonatal Nurses Conference DOI: 10.13140/RG.2.1.2918.9521 San Diego, California  
11/14 “Effect of Oral Motor Intervention on Readiness to Feed (Cue-Based) in Preterm Infants” (Poster Presentation with Callie Leach, SP, MS, CCC/SLP) American Speech-Language Hearing Association 2014 National Convention Orlando, Florida  
9/13 “Going Interdisciplinary with Research and Practice: Partnering RNs and Developmental Therapists to Provide Oral Motor Therapy in the NICU” (Poster Presentation)

- 13<sup>th</sup> National Neonatal Conference of the Academy of Neonatal Nursing,  
Las Vegas, Nevada
- 9/13 “Postpartum Hemorrhage High Fidelity Nursing Simulation: Embedding QSEN Competencies” (Poster Presentation)  
16<sup>th</sup> National Mother Baby Conference of the Academy of Neonatal Nursing,  
Las Vegas, Nevada
- 9/12 “Reliability of the Premature Infant Oral Motor Intervention”  
(Poster Presentation with Clare Morello, BSN, RN, IWU Class of 2012))  
12<sup>th</sup> National Neonatal Conference of the Academy of Neonatal Nursing,  
Chicago, Illinois
- 9/12 “Premature Infant Oral Motor Intervention (PIOMI): Translating Interventional Research into Interdisciplinary Practice” (Poster Presentation)  
15<sup>th</sup> National Mother Baby Conference of the Academy of Neonatal Nursing,  
Chicago, Illinois
- 5/12 “Premature Infant Oral Motor Intervention: Translating Interventional Neonatal Research into Interdisciplinary Practice” (Poster Presentation)  
Association of Women’s Health, Obstetrical and Neonatal Nursing (AWHONN)  
Galena, Illinois
- 3/11 “High Risk Obstetrical Simulation for Undergraduate Students” (Paper Presentation)  
Drexel Simulation Conference  
Orlando, Florida
- 9/09 “A New Oral Stimulation Program for Preterm Neonates: Effect on Feeding and Length of Stay” National Association of Neonatal Nurses (Paper presentation)  
(NANN) National Conference  
Austin, Texas
- 4/09 “Effect of Oral Stimulation on Feeding Progression in Preterm Neonates” (Poster Presentation) SITTI Evidence Based Practice Conference Illinois State University,  
Normal, Illinois
- 3/09 “Effect of Oral Stimulation on Feeding Progression in Preterm Neonates” (Paper Presentation) National Association of Neonatal Nurses (NANN) National Summit  
Scottsdale, Arizona
- 11/05 “An Academic-Community Partnership for Service-Learning in Community Health” (Paper Presentation) Sigma Theta Tau International Honor Society of Nursing Biennial Convention  
Indianapolis, Indiana

**INVITED  
PROFESSIONAL  
PRESENTATIONS**

- 03/23 “Implementation of the Premature Infant Oral Motor Intervention”  
Department of Pediatrics  
Dr. D.Y.Patil Medical College, Hospital & Research Center, Pimpri, Pune, India (3 hours)
- 07/20 “The Premature Infant Oral Motor Therapy: For NICU and Beyond”  
Oklahoma Association of Neonatal and Pediatric Therapists (OANAPT), 4 hour Continuing Education/Training [LIVE WEBINAR – 47 participants awarded CEUs]
- 06/20 “Oral Motor Therapy by Parents: How You Can Partner to Get Your Preemie HOME”

NICU Therapy Research Laboratory at USC Chan Division of Occupational Science and Occupational Therapy, University of Southern California [LIVE WEBINAR]] (70 international participants)

- 05/17 “PIOMI: Background and Continued Evidence”  
PIOMI Training Seminar  
Kadlec Regional Medical Center, Richland, WA
- 11/12 “Translating Evidence into Practice” Sigma Theta Tau International  
Honor Society of Nursing, Theta Pi Chapter Membership Open House  
Keynote Address  
Illinois Wesleyan University, Bloomington, Illinois
- 11/09 “Two-Pound Preemies: Can We Change Their Brains?” Non-Org  
Illinois Wesleyan University, Bloomington, Illinois
- 9/09 “A New Oral Stimulation Program for Preterm Neonates: Effect on Feeding and Length of Stay” Neonatal Grand Rounds, Children’s Hospital of Illinois  
OSF Saint Francis Medical Center, Peoria, Illinois
- 4/09 “When to Implement Evidence in Practice: Oral Stimulation on Feeding Progression in Preterm Neonates:” Sigma Theta Tau International Honor Society of Nursing Theta Pi  
Induction Ceremony  
Keynote Address  
Illinois Wesleyan University, Bloomington, Illinois
- 10/03 “The Oxford, UK Experience” Illinois Wesleyan University  
Nursing Convocation  
Keynote Address  
Illinois Wesleyan University, Bloomington, Illinois
- 3/95 "Postpartum Mother's Perceptions of Competence for Newborn Care"  
Research Convocation  
Keynote Address  
Mennonite College of Nursing, Bloomington, Illinois

## **CONTRACTED PRESENTATIONS/ TRAINING**

### **(ONSITE-IN PERSON)**

- 2024 PIOMI Training & Implementation: Ospedale San Raffaele, Milano, Italy. (January 18-19)
- 2022 PIOMI Training & Implementation: OSF St. Joseph Medical Center, Bloomington, IL
- 2019 PIOMI Training & Implementation: Lehigh Valley Reilly Children’s Hospital, Allentown, PA
- 2016 PIOMI TRAIN THE TRAINER Seminar: Chicago for *Instituto Giannina Gaslini*, Genoa, Italy
- 2015 PIOMI Training & Implementation: Kadlec Regional Medical Center, Richland, WA
- 2014 PIOMI Training & Implementation: St. Luke’s University Hospital, Bethlehem, PA
- 2013 PIOMI Training & Implementation: Chicago for Mahidol University, Bangkok, Thailand
- 2012 PIOMI Training & Implementation: Children’s Hospital of Illinois, Peoria, IL

### **(LIVE WEBINAR TRAINING -INTERNATIONAL)**

- 2/10/24 PIOMI Training Seminar: (17 participants, 5 countries)
- 10/24/23 PIOMI Training Seminar: PRIVATE GROUP: INOVA Health Systems, Virginia, USA  
(44 participants. 3.0 CEUs)
- 10/24/23 PIOMI Training Seminar: (5 participants, 2 countries)
- 9/16/23 PIOMI Training Seminar: PRIVATE GROUP: EPSHA, El Paso Texas, USA  
(40 participants. 3.0 CEUs)
- 9/16/23 PIOMI Training Seminar: (7 participants, 4 countries)

- 7/22/23 PIOMI Training Seminar: (6 participants, 2 countries)
- 4/8/23 PIOMI Training Seminar: (8 participants, 2 countries)
- 3/10/23 PIOMI Training Seminar: PRIVATE GROUP: Dr. D.Y. Patil Medical College; Pune, India
- 2/18/23 PIOMI Training Seminar: (12 participants, 5 countries)
- 12/10/22 PIOMI Training Seminar: (8 participants, 4 countries)
- 10/22/22 PIOMI Training Seminar: (11 participants, 6 countries)
- 6/25/22 PIOMI Training Seminar: (7 participants; 3 countries)
- 3/05/22 PIOMI Training Seminar: (12 participants; 6 countries)
- 12/11/21 PIOMI Training Seminar: (30 participants; 8 countries)
- 9/18/21 PIOMI Training Seminar: (11 participants; 6 countries)
- 8/07/21 PIOMI Training Seminar: PRIVATE GROUP: Oklahoma Children's Hospital (10 participants)
- 7/19/21 PIOMI Training Seminar: PRIVATE GROUP: National Children's Hospital; Hanoi, Vietnam (18)
- 7/17/21 PIOMI Training Seminar: (6 international participants; 4 countries)
- 5/15/21 PIOMI Training Seminar: (24 international participants; 5 countries)
- 3/21/21 PIOMI Training Seminar: (26 international participants; 6 countries)
- 2/13/21 PIOMI Training Seminar: (5 international participants; 4 countries)
- 1/21/21 PIOMI Training Seminar: (4 international participants; Italy)
- 11/20/20 PIOMI TRAIN THE TRAINER Seminar: LIVE WEBINAR (4 international participants: Turkey)
- 7/25/20 PIOMI Training Seminar: PRIVATE GROUP: Oklahoma Association of Neonatal and Pediatric Therapists (46 participants)

## SERVICE

- **UNIVERSITY**

- 2024 Curriculum Council
- 2022 – 2023 Medical Housing Accommodations Adviser to Accessibility Services  
Search Committee: Director for School of Nursing & Health Sciences (SoNHS)
- 2020 – 2021 Admissions Committee
- 2019 – 2020 Promotion and Tenure Committee (elected)  
Student Life Committee  
Summer Reading Program Co-Facilitator
- 2018 – 2019 Promotion and Tenure Committee (elected)  
Student Life Committee  
Summer Reading Program Co-Facilitator
- 2017 – 2019 Promotion and Tenure Committee (elected-Spring Semester)  
Student Life Committee  
Admissions Committee  
Summer Reading Program Co-Facilitator
- 2017 – 2018 General Education Task Force Sub Committee: Science & Reason
- 2016 – 2017 Student Life Committee  
Admissions Committee  
Summer Reading Program Co-Facilitator
- 2015 – 2016 Student Life Committee  
Admissions Committee  
Summer Reading Program Co-Facilitator
- 2015 – 2016 Student Life Committee  
Admissions Committee  
Women and Gender Studies Steering Committee  
Summer Reading Program Co-Facilitator

- 2014 – 2015 Women and Gender Studies Steering Committee  
Summer Reading Program Co-Facilitator
- 2013 – 2014 Teaching and Learning Task Force of the Strategic Planning and Budgeting Committee  
Women’s Studies Steering Committee  
Summer Reading Program Co-Facilitator
- 2012 – 2013 Health Care Advocacy Committee  
Women’s Studies Steering Committee  
Summer Reading Program Co-Facilitator
- 2004 – 2005 Honors Research Committee: Sociology Department  
“Contraceptive Education within Families-Issues with Abstinence and Other Perspectives”

- **SCHOOL OF NURSING**

- 2023 – 2024 Faculty and Staff Organization  
Academic Advisor: Sophomores/Juniors/Seniors
- 2022 – 2023 Faculty and Staff Organization  
First Year Adviser: all late transfers  
Academic Advisor: Sophomores/Juniors/Seniors  
Internship Coordinator, Spring 2023  
Search Committee: Director for SoNHS
- 2021 – 2022 Student Affairs Committee  
By Laws Committee  
Nurse Faculty Organization  
First Year Adviser: 8 students  
Academic Advisor: Sophomores/Juniors/Seniors  
Faculty Supervisor: 6 Student Internships – Obstetrics, NICU  
Internship Coordinator, Spring 2022: 24 seniors  
Search Committee: Faculty for Health Sciences Program
- 2020 – 2021 Student Affairs Committee - Chair  
By Laws Committee - Chair  
Nurse Faculty Organization  
First Year Adviser: 8 students  
Academic Advisor: Sophomores/Juniors/Seniors  
Faculty Supervisor: 2 Student Internships – Obstetrics, NICU
- 2019 – 2020 Student Affairs Committee – Faculty Representative  
By Laws Committee  
Nurse Faculty Organization  
First Year Adviser: 15 students  
Academic Advisor: Sophomores/Juniors/Seniors  
Faculty Supervisor: 3 Student Internships – Obstetrics, NICU, ED
- 2018 – 2019 Student Affairs Committee – Faculty Representative  
By Laws Committee  
Nurse Faculty Organization  
First Year Adviser: 9 students  
Academic Advisor: Sophomores/Juniors/Seniors: 25 students  
Faculty Supervisor: 3 Student Internships – Obstetrics, NICU, ED

- 2017 – 2018 Student Affairs Committee – Faculty Representative  
Student Affairs Committee (2018) – *ex officio* for Director  
Curriculum Committee (2018) – *ex officio* for Director  
By Laws Committee  
Nurse Faculty Organization – Vice Chair and Parliamentarian  
Nurse Faculty Organization (2018) – Chair and Parliamentarian for Director  
Open Rank Faculty Search Committee  
Senior Honors Research Chairperson: “Oral motor therapy and the effect on feeding performance in a Thailand NICU” (V. Drake)  
First Year Adviser: 9 students  
Academic Advisor: Sophomores/Juniors/Seniors: 25 students  
Faculty Supervisor: 4 Student Internships – Obstetrics, NICU
- 2016 – 2017 Student Affairs Committee – Faculty Representative  
By Laws Committee  
Nurse Faculty Organization – Vice Chair and Parliamentarian  
Open Rank Faculty Search Committee  
First Year Adviser: Freshman: 12students  
Academic Advisor: Sophomores/Juniors/Seniors: 27 students  
Faculty Supervisor: 4 Student Internships – Obstetrics, Midwifery, PICU
- 2015 – 2016 Student Affairs Committee – Chair  
By Laws Committee – Chair  
Nurse Faculty Organization – Vice Chair and Parliamentarian  
Open Rank Faculty Search Committee  
Faculty Mentor: Freshman: 9 students  
Academic Advisor: Sophomores/Juniors/Seniors: 20 students  
Faculty Supervisor: 7 Student Internships – Obstetrics, PICU, NICU  
Neonatal Resuscitation Program Instructor: 17 students
- 2014 – 2015 Student Affairs Committee – Chair  
By Laws Committee – Chair  
Nurse Faculty Organization  
Open Rank Faculty Search Committee  
Faculty Mentor: Freshman: 7 students  
Academic Advisor: Sophomores/Juniors/Seniors: 18 students  
Faculty Supervisor: Student Internship – Antepartum  
Neonatal Resuscitation Program Instructor: 13 students
- 2013 – 2014 Student Affairs Committee – Chair  
By Laws Committee – Chair  
Nurse Faculty Organization – Vice Chair and Parliamentarian  
Open Rank Faculty Search Committee  
Honors Research Committee: “Assuring Quality of Pediatric Assessment Frequency”  
Faculty Supervisor: Student Internship – Pediatrics/NICU  
Faculty Mentor: Freshman: 7 students  
Academic Advisor: Sophomores/Juniors/Seniors: 19 students  
Neonatal Resuscitation Program Instructor: 14 students
- 2012 – 2013 Student Affairs Committee – Chair  
By Laws Committee – Chair  
Nurse Faculty Organization – Vice Chair and Parliamentarian  
Open Rank Faculty Search Committee  
Curriculum Revision Committee  
Faculty Supervisor: Student Internship – Pediatrics/NICU  
Faculty Mentor: Freshman: 7 students  
Academic Advisor: Juniors/Seniors: 20 students

- Neonatal Resuscitation Program Instructor: 9 students
- 2011 – 2012 Student Affairs Committee – Member  
 Faculty Supervisor: Student Internship – Pediatrics/NICU: 2 students  
 Nurse Faculty Organization – Vice Chair  
 Open Rank Faculty Search Committee  
 Curriculum Revision Committee  
 Faculty Mentor: Freshman: 6 students  
 Academic Advisor: Juniors: 8 students  
 Neonatal Resuscitation Program Instructor: 11 students
- 2010 – 2011 Student Affairs Committee – Member  
 Faculty Supervisor: Student Internship – Pediatrics: 1 student  
 Nurse Faculty Organization – Member  
 Open Rank Faculty Search Committee  
 Curriculum Revision Committee  
 Faculty Mentor: Freshman: 19 students  
 Academic Advisor: Seniors: 10 students  
 Neonatal Resuscitation Program Instructor: 10 students
- 2009 – 2010 Curriculum Revision Committee-Sophomore Work Group/Senior Work Group  
 Student Affairs Committee  
 Senior Honors Research Chairperson: “Reliability of the Premature Infant Oral Motor Intervention” (C. Goebel Morello)  
 Neonatal Resuscitation Program Instructor: 13 students
- 2008 – 2009 Curriculum Revision Committee: Senior Work Group  
 Student Affairs Committee – Chair  
 Faculty Supervisor: Student Internship – NICU: 1 student  
 Neonatal Resuscitation Program Instructor: 7 students
- 2002 – 2009 Faculty Supervisor: Student Internships – NICU: 5 students
- 2002 – 2003 Nursing Open House Alumni Panel Presentation
- 2002 – 2009 Neonatal Resuscitation Program Instructor: 2 Faculty/6 Students
- 2002 – 2004 Curriculum Committee

**PROFESSION  
 (GRADUATE  
 STUDENT  
 PRECEPTOR)**

- 2021 Western Governors University, Salt Lake City, UT  
 MSN Nursing Education, Graduate Student Preceptor: Maternal Child (J. Evans)
- 2018 Millikin University, Decatur, IL Master’s Entry into Nursing Practice (MENP)  
 Graduate Student Preceptor: Nurse Educator Specialization (A. Wells)
- 2016 Southern Illinois University-Edwardsville Graduate School of Nursing  
 Graduate Student Preceptor: Master’s-Nurse Educator Specialization (C. Adkins)

**COMMUNITY**

- 2017 – present Illinois NICU Developmental Care Consortium (ILNDCC)  
 Lurie Children’s Hospital, Chicago, IL
- 2016 – present Women’s Health Steering Committee, Women Empowered  
 OSF St. Joseph Medical Center Foundation, Bloomington, IL
- 2014 – 2021 OSF Community Board (3-year elected terms)  
 Chair, 2018 – 2021  
 Vice Chair 2016-2018

OSF St. Joseph Medical Center, Bloomington, IL

Quality, Safety and Service Council  
OSF St. Joseph Medical Center, Bloomington, IL

Women Empowered, Founding Member  
OSF St. Joseph Medical Center Foundation, Bloomington, IL

Fall, 2016 Minority Women's Health Seminar, Moderator  
OSF St. Joseph Medical Center Foundation, Bloomington, IL

2013 – 2015 Fund Development Board  
Big Brothers Big Sisters of McLean County  
Bloomington, IL

2010 – 2013 Clinical Practice Council  
Children's Hospital of Illinois Neonatal ICU at OSF Saint Francis Medical Center  
Peoria, Illinois

Feeding Practice Council  
Children's Hospital of Illinois Neonatal ICU at OSF Saint Francis Medical Center  
Peoria, Illinois

2003 – 2007 National Public Health Mentor  
American Public Health Association (APHA) National Mentoring Program

2002 – 2005 Advancing Public Health Nursing Education (APHNE) State Advisory Board Member

APHNE Regional Consortia Member  
Urbana and Peoria, Illinois

Community Health Assessment Committee  
McLean County Health Department  
Bloomington, Illinois

Heartland Head Start Health Advisory Committee  
McLean County, Illinois

2000 – 2017 Neonatal Resuscitation Program Instructor (2 community professionals/yr)  
American Academy of Pediatrics

**SELECT  
CONTINUING  
EDUCATION**

Dec 2023 Using the Neonatal Physical and Neurobehavioral Exam to Guide Your Therapeutic Approach. Dr B Pineda, PhD, OTR/L, CNT & Dr T. Inder, MD, MBChB  
National Assoc. of Neonatal Therapists- Virtual Summit (2.0 CNE)

July 2023 Next Generation NCLEX (NGN): Trends and Results from the First 90 Days  
Nurse Achieve Live Webinar (1 hour)

Mar. 2022 All Things NICU Feeding: Problem-Solving Your Babies, Clinical and Team Issues  
Catherine Shaker, MS/CCC-SLP, BCS-S – Pediatric Resources Inc.  
(Live Webinar: 3.0 CEUs)

Mar. 2022 Implicit/Explicit Bias in Maternal & Newborn Care  
Rose L. Horton, MSM, RNC-OB, NEA-BC, #NotOnMyWatch Consulting

	AWHONN (Virtual Webinar: 1.0 CEU)
July 2021	Preterm Children Growing Up: Thinking and Learning: Jane H. Bernstein, Neuropsychologist, Boston Children's Hospital; Assoc. Prof. Harvard Medical School (Virtual Webinar: 1.0 CNE)
Dec. 2019	The Newborn Individualized Developmental Care and Assessment Program (NIDCAP): Promise to Protect the Preterm Brain National Assoc. of Neonatal Therapists- Virtual Summit Webinar (2.0 CNE)
Dec. 2017	Seven Core Measures of Neuroprotective Family-Centered Developmental Care National Assoc. of Neonatal Therapists- Virtual Summit Webinar (1.5 CNE)
Sept. 2017	National Neonatal Nurses Conference, The Academy of Neonatal Nursing Las Vegas, NV (19 CNE) Neonatal Seizures: Epidemiology, Management, and Impact on Outcomes "Feeding Intolerance": What's Trending on Feeding issues in the ELBW and VLBW Family-Integrated Care: The Possibilities are Endless Non-Invasive Respiratory Support An All-Human Milk Diet in the NICU Are There Fetal Origins of Adult Disease? PPHN from a Cardiologists Point of View Risky Business: Social Media and Career Mishaps Patient Safety and the Just Culture: How Do We Speak Up Without Getting Shot Down? The Changing Landscape in Neonatal Ventilation Taking Care of Lifelines in the NICU: What's Better and What's Best? The Bariatric Obstetric Patient Obstetric Emergencies Late Preterm/Early Term: Is it All the Same? Substance Abuse in Pregnancy
Aug. 2017	Introduction to SimMan 3G Laerdal Medical Corporation (6-hour Course)
Apr. 2016	13 <sup>th</sup> National Advanced Practice Neonatal Nurses, Academy of Neonatal Nursing San Diego, CA (17 CNE) Adventures in an African NICU: The Case for Going Global New Genetics in the NICU Continuous EEG Monitoring of High-Risk Newborns Endocrine Emergencies in the NICU Congenital Pulmonary Airway Malformations Parental Palliative Care Neonatal Dermatology The VAP Trap and CLABSI in the NICU Disorders of Sexual development Feeding Your Way Out of this NEC of the Woods Ethics on Demand What's New in the Pharmacists Cupboard?
Nov. 2014	American Speech Language Hearing Association National Convention Orlando, FL Flipping the Classroom: Implications for Coursework Innovations with Screen casting to Increase Student Engagement & Learning Teaching Students to Think Critically, Apply Evidence, & Write Professionally Supervision-Coaching, Mentoring, & Difficult Conversations Overcoming Barriers: Practical Strategies for Clinical Supervision

	Using Mind Maps to Assess Student Learning in an Undergraduate Phonetics Course
Nov. 2014	Ebola: The Evolving Catastrophe Florida Board of Nursing, et al, (online)
Sept. 2013	16 <sup>th</sup> National Mother Baby Nurses Conference, The Academy of Neonatal Nursing and Mother Baby Education, Las Vegas, Nevada (20.75 CNE)
Sept. 2013	13 <sup>th</sup> National Neonatal Nurses Conference, The Academy of Neonatal Nursing and Mother Baby Education, Las Vegas, Nevada
May 2012	Dilemmas in Perinatal Nursing, Association of Women's Health, Obstetrical and Neonatal Nursing (AWHONN) Galena, Illinois
Sept. 2012	15 <sup>th</sup> National Mother Baby Nurses Conference, The Academy of Neonatal Nursing and Mother Baby Education, Chicago, Illinois (5 CNE)
Sept. 2012	12 <sup>th</sup> National Neonatal Nurses Conference, The Academy of Neonatal Nursing and Mother Baby Education, Chicago, Illinois
Feb. 2012	Beckman Oral Motor Assessment and Intervention, Atlanta, Georgia
Sept. 2011	Facilitation of Simulation-Based Learning, American Academy of Pediatrics (on-line)
Jan. 2011	Quality and Safety Education for Nurses (QSEN) Faculty Development Institute, Phoenix, Arizona
Sept. 2009	The Neonatal Resuscitation Program (NRP) Changes Course: The Move to Simulation and Debriefing, National Association of Neonatal Nurses (NANN) Annual Continuing Education Conference, Austin, Texas
Sept. 2009	The Little Ones: Intrauterine Growth Retardation NANN Annual Continuing Education Conference, Austin, Texas
Sept. 2009	Breast Milk for Infants under 1,500 Grams Birth Weight. NANN Annual Continuing Education Conference, Austin, Texas
Sept. 2009	Touch and Handling in the NICU: Does It Have to Be Stressful for Babies? NANN Annual Continuing Education Conference, Austin, Texas
Sept. 2009	Initiation of an Evidence-Based Feeding Bundle. NANN Annual Continuing Education Conference, Austin, Texas
Sept. 2009	After 25 Years of Ethical Conflicts in Neonatal Nursing-Have We Reached Any Conclusions? NANN Annual Continuing Education Conference, Austin, Texas
April 2009	Evidence Based Practice Conference, STTI Illinois State University, Normal, Illinois
March 2009	National Association of Neonatal Nurses (NANN) 3 <sup>rd</sup> Annual National Summit, Invited Presenter Scottsdale, Arizona
Feb. 2008	Collaborative IRB Training Initiative (CITI) University of Illinois at Chicago, Chicago, Illinois

March	2008	HIPPA Research Training, University of Illinois at Chicago, Chicago, Illinois
April	2008	Research Colloquium, Methodist College of Nursing, Peoria, Illinois
April	2008	Poverty Simulation, University of Illinois Extension, Peoria County, Peoria, Illinois
May	2006	Take This Job...And Love IT! Methodist Medical Center of Illinois, Peoria, Illinois
May	2004	Emerging Issues in Epidemiology, Lake Mary, Florida
Jan.	2004	Influenza and Beyond; Responding to Vaccine-Preventable Diseases, Atlanta, Georgia
Sept.	2003	Nurse Your Patient, Nurse Yourself, Springfield, Illinois
Sept.	2003	Health Literacy and Public Health Nursing Workshop, Chicago, Illinois
April	2003	Making Change Happen: Translating Research into MCH Public Health Practice: Eliminating Health Disparities, Chicago, Illinois
Jan.	2003	Wired Communities: Putting the <i>e</i> in Public Health, Atlanta, Georgia (Webcast)
Jan.	2003	KRON Nutritive Sucking Apparatus, University of Pennsylvania, Philadelphia (Resident Researcher w/ Dr. B. Medoff-Cooper)
July	2003	Summer School on Connectionist Modeling (Competitive admission) Oxford University, Oxford, United Kingdom
Nov.	2002	6th Annual Midwest Neonatology Critical Care Symposium, Cincinnati, Ohio