**Nov 2019**

**Martha A.Q. Curley, RN, PhD, FAAN**

Ruth M. Colket Endowed Chair in Pediatric Nursing

**BUSINESS ADDRESS HOME ADDRESS**

University of Pennsylvania 726 Waverly Rd

School of Nursing Bryn Mawr, PA 19010

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**EDUCATION**

Ph.D. 1997 Boston College

Chestnut Hill, MA 02467

M.S.N. 1987 Yale University

Clinical Nurse Specialist: Pediatric Acute Care Nursing

New Haven, CT 06536

B.S. 1985 University of Massachusetts – Amherst, Nursing

Amherst, MA 01003

Diploma 1973 Springfield Hospital Medical Center, Nursing

Springfield, MA 01199

**Fellowships**

1994-1997 Fellow, Nursing Research

Boston College; Chestnut Hill, MA 02467

1986-1988 Louise Mellen Fellow Critical Care Nursing

Yale University; New Haven, CT 06536

**PROFESSIONAL EXPERIENCE**

**ACADEMIC POSITIONS**

2010-present Professor of Nursing

Ruth M. Colket Endowed Chair in Pediatric Nursing (2018-present)

Ellen and Robert Kapito Professor in Nursing Science (2011-2017)

School of Nursing

Secondary Appointment: Anesthesia and Critical Care Medicine

Perelman School of Medicine

University of Pennsylvania, Philadelphia, PA

2007-2017 Lecturer (part time) - Anesthesia

Harvard Medical School, Boston, MA

2007-2010 Associate Professor (with tenure)

Killebrew-Censits Endowed Term Associate Professor (2008)

School of Nursing

Secondary Appointment: Anesthesia and Critical Care Medicine

Perelman School of Medicine

University of Pennsylvania, Philadelphia, PA

2006-2007 Adjunct Associate Professor - Pediatric Nursing

Associated Faculty, School of Nursing

University of Pennsylvania, Philadelphia, PA

2004-2007 Assistant Clinical Professor - Anesthesia

Harvard Medical School, Boston, MA

2001-2004 Instructor in Anesthesia

Harvard Medical School, Boston, MA

2000-2007 Visiting Scholar

School of Nursing, Boston College, Boston, MA

1997-2006 Adjunct Assistant Professor - Pediatric Nursing

Associated Faculty, School of Nursing

University of Pennsylvania, Philadelphia, PA

#### CLINICAL POSITIONS

**Children’s Hospital of Philadelphia, Philadelphia, PA**

2018-present Ruth M. Colket Endowed Chair in Pediatric Nursing

**Boston Children’s Hospital, Boston, MA**

2007-2017 Nurse Scientist, Critical Care & Cardiovascular Nursing

2005-2007 Faculty, Program for Patient Safety and Quality

2000-2007 Director Nursing Research, Critical Care & Cardiovascular Nursing

2000- 2001 Director, Center for Clinical Innovation and Scholarship in Pediatric Nursing

1992-1993 Interim Nurse Director, Multidisciplinary ICU

1987- 2001 Clinical Nurse Specialist, Multidisciplinary ICU

**Baystate Medical Center, Springfield, MA**

1981-1985 Critical Care Instructor, Pediatric Intensive Care Unit

1973-1981 Staff Nurse, General and Pediatric Intensive Care Units

**LICENSURE**

2007-present Pennsylvania License (Nursing) #RN582079

1973-present Massachusetts License (Nursing) #119733

**HONORS AND AWARDS**

2019 Marion Barrett Lecture 2019

The University of Melbourne, Victoria, Australia

2017 Thomas Vargo Lecture (First Nurse Recipient)

Texas Children’s Hospital

2016 National Academy of Medicine

Member

2016 Hugh P. Davis Lecture

Nell Hodgson Woodruff School of Nursing

Emory University

2015 Anna Reynvaan Lecture

Amsterdam, Netherlands

2015 Distinguished Contributions to Nursing Research Award

ENRS - Eastern Nursing Research Society

2014 Nurse Researcher Hall of Fame

Sigma Theta Tau International Honor Society of Nursing

2013 Presidential Citation

Society of Critical Care Medicine

2013 Selected as one of “90 Nurses for 90 Years”

Yale University School of Nursing

2013 Claire M. Fagin Distinguished Researcher Award

University of Pennsylvania School of Nursing

2013 ACCM Distinguished Investigator Award

Society of Critical Care Medicine

2012 Distinguished Research Lecturer Award

American Association of Critical Care Nurses

2011 Elizabeth McWilliams Miller Award for Excellence in Research

Sigma Theta Tau International Foundation for Nursing

2011 Research Award

University of Pennsylvania School of Nursing

Department of Family & Community Health - award to a department faculty member who demonstrates evidence of significant, outstanding and sustained contributions to an evolving scientific base for the discipline of nursing with translation of knowledge for application.

2010 Barbara J. Lowery Doctoral Student Organization Faculty Award –award given by the doctoral students to a member of the faculty that has advanced nursing science through exemplary doctoral student mentorship.

2009 1st Annual Memorial Lecture Mary Beth Esposito-Herr

*Synergy: The Unique Relationship* *between Nurses and Patients.*

2009 2009 International Award; Best of Book Award; Sigma Theta Tau International

*Synergy: The Unique Relationship* b*etween Nurses and Patients.*

2009 Marcia Kay Gillece Lecture; Chicago Memorial Hospital, IL

*Parent presence during invasive procedures* *and resuscitation - Making change happen*

2009 New England Finalist and Winner Advancing and Leading the Profession *Nursing Spectrum*’s Excellence Award

2009 Silver Remi Award; Training videos; Worldfest Houston

*Training Parent Facilitators*

2007 Endowed Lecture - Mercy Children’s Hospital, Kansas City

2007 Second Annual T. Garrett Rauch Memorial Lecture

Children’s Hospital of Philadelphia

2006 Visiting Scholar - Children’s Hospital of Wisconsin

2005 Visiting Scholar - Center for Research in Chronic Disorders

University of Pittsburgh School of Nursing

2005 Named Speaker; 7th Annual Convocation

Center for Excellence in Chronic Illness Care; Yale University School of Nursing

2002 Norma J. Shoemaker Award; Society of Critical Care Medicine

2002 Book of the Year; American Journal of Nursing

## *Critical Care Nursing of Infants and Children,* Second edition

2000 Special Contributor Award; American Association of Critical Care Nurses

1998 Fellowship; American Academy of Nursing

1998 Nursing Research Award; Baystate Medical Center Nurses Alumni

1997 Distinguished Alumna Award; Yale University School of Nursing

1997 Book of the Year; American Journal of Nursing

## *Critical Care Nursing of Infants and Children,* First edition

1996 Lifetime Membership; American Association of Critical Care Nurse

1989 Media-Electronic Award; Sigma Theta Tau International

1988 "125 Alumni to Watch"; University of Massachusetts - Amherst

1987 Andrew A. Veckerelli Prize; Yale University School of Nursing

**RESEARCH**

**Doctoral Dissertation**

Curley, M.A.Q. (1997). *Clinical predictors of progress in weaning pediatric patients with acute respiratory failure from mechanical ventilation*. (Doctoral dissertation). Boston College, Boston, MA. Dissertation Supervisor: Mary E. Duffy, R.N., PhD DAI: 2000013709.

**Funded Research Grants**

Principal Investigator: $34.8M Co-Investigator: $30.8M

*PROSpect: Prone and Oscillation Pediatric Clinical Trial*

UG3HL141736 - UH3HL141736

2018-19

Principal Investigators: M.A.Q. Curley (50%; Contact PI); I. Cheifetz; M.C.J. Kneyber

$1.7 Million (Year 1); $15 Million (Years 2-6)

*Identifying and preventing ventilator induced diaphragm weakness in children*

R01 HL134666

2017-2022

Principal Investigator: Robinder G. Khemani, MD

Co-investigator: M.A.Q. Curley (10% effort years 1-5)

$2.8 Million

Eunice Kennedy Shriver National Institute of Child Health & Human Development

*RESTORE resilience in critically ill children*

R21 HD093369

2017-2019

Multiple Principal Investigators: M.A.Q, Curley, S.R. Kudchadkar, A.F. Zuppa, (2.5% effort years 1-2)

$275,000

Eunice Kennedy Shriver National Institute of Child Health & Human Development

*Sedation Strategy and Cognitive Outcome after Critical Illness in Early Childhood*

R01 HD074757

2013-2019

Multiple Principal Investigators: M.A.Q. Curley & R.S. Watson (25% effort years 1-5)

$3.1 Million

2013 AACN Impact Research Grant

*Predicting Immobility-related and Medical Device-related Pressure Ulcer Risk in Pediatric Patients*

2013-2014

Principal Investigator: M.A.Q. Curley

$49,135

National Institute of Nursing Research

*Transitional Telehealth Home Care: REACH*

R01 NR002093

2011-2016

Principal Investigator: Barbara Medoff-Cooper

Co-investigator: M.A.Q. Curley (5% effort years 1-5)

$3.4 Million

National Heart, Lung, and Blood Institute (NHBLI)

*HALF-PINT: Heart And Lung Failure – Pediatric INsulin Titration trial*

R01 HL107681 and R01 HL108028

2011-2016

Principal Investigators: M. Agus, MD; V. Nadkarni, MD

Co-investigator: M.A.Q. Curley (10% effort years 1-5)

$13.4 Million

National Heart, Lung, and Blood Institute (NHBLI)

*Impact of pharmacokinetics and pharmacogenetics on the duration of mechanical ventilation in pediatric patients with acute respiratory failure*

R01 HL098087

2009-2013

Principal Investigator: A. F. Zuppa, MD

Co-investigator: M.A.Q. Curley (10% effort years 1-5)

$1.7 Million

[Ancillary to*: Sedation management in pediatric patients supported on mechanical ventilation for acute respiratory failure* 1 U01 HL086622-01A1 and 1 U01 HL086649-01A1]

National Heart, Lung, and Blood Institute (NHBLI)

*Genetic variation and biomarkers in children with acute lung injury*

R01 HL095410

2009-2014

Principal Investigators: M. Quasney, MD and H. Flori, MD

Collaborator: M.A.Q. Curley

$1.5 Million

[Ancillary to*: Sedation management in pediatric patients supported on mechanical ventilation for acute respiratory failure* 1 U01 HL086622-01A1 and 1 U01 HL086649-01A1]

National Heart, Lung, and Blood Institute (NHBLI)

Nation Institute of Nursing Research (NINR)

*Sedation management in pediatric patients supported on mechanical ventilation for acute respiratory failure*

U01 HL086622 and U01 HL086649

2008-2015

Principal Investigator: M.A.Q. Curley (60% effort years 1-5)

DCC Principal Investigator: D. Wypij

$12 Million

Agency for Healthcare Research and Quality (AHRQ)

*Children's Hospital Boston Center of Excellence for Quality Measurement*

U18 HS020513

2011-2013

Principal Investigator: M. Schuster, MD, PHD

Co-investigator: M.A.Q. Curley (5% effort years 1-2)

$8.0 Million

National Institute of Nursing Research

*Toward optimal end-of-life care in the PICU*

R01 NR09298

Principal Investigator: Robert Truog, MD

Co-investigator: M.A.Q. Curley (3% effort years 1, 2, 4)

$2.1 Million

Gustavus and Louise Pfeiffer Foundation

*Sedation management in pediatric patients supported on mechanical ventilation for acute respiratory failure*

2004-2008

Principal Investigator: M.A.Q. Curley

$225,000

Eunice Kennedy Shriver National Institute of Child Health & Human Development

*Sedation management in pediatric patients supported on mechanical ventilation for acute respiratory failure*

R21 HD045020

2001-2006

Principal Investigator: M.A.Q. Curley

$371,425

Society of Critical Care Medicine

2003 Norma J. Shoemaker Grant for Critical Care Nursing Research

*Does the use of a moisture chamber decrease the incidence of corneal abrasions in critically ill pediatric patients?*

2003-2004

Principal Investigator: L. Sorce; Chicago Memorial Hospital

Senior Investigator: M.A.Q. Curley

$15,000

American Association of Critical Care Nursing Critical Care Grant

*Does the use of a moisture chamber decrease the incidence of corneal abrasions in critically ill pediatric patients?*

2003-2004

Principal Investigator: L. Sorce; Chicago Memorial Hospital

Senior Investigator: M.A.Q. Curley

$15,000

National Institute of Nursing Research

*Prone positioning in pediatric acute lung injury*

RO1 NR05336

2001-2006

Principal Investigator: M.A.Q. Curley

$2,268, 279

AACN Certification Corporation Research Grant

*Phase one instrument development: “Parents perceptions of being cared for well”*

2001-2002

Principal Investigator: M.A.Q. Curley

$10,000

AACN Certification Corporation Research Grant

*Patients' and families perceptions of being cared for well.*

2000-2001

Co-Principal Investigators: D. Stannard and M.A.Q. Curley

$10,000

Society of Critical Care Medicine

1998 Norma J. Shoemaker Grant for Critical Care Nursing Research

*Phase one study of early repeated prone positioning on clinical outcomes in pediatric patients with acute respiratory failure.*

1998-2000

Principal Investigator: M.A.Q. Curley

$15,000

AACN-Sigma Theta Tau International Critical Care Grant

*Phase one study of early repeated prone positioning on clinical outcomes in pediatric patients with acute respiratory failure.*

1998-1999

Principal Investigator: M.A.Q. Curley

$10,000

Sigma Theta Tau International/Virginia Henderson Clinical Research Grant

*Phase one study of early repeated prone positioning on clinical outcomes in pediatric patients with acute respiratory failure.*

1997-1998 (1st recipient)

Principal Investigator: M.A.Q. Curley

$5,000

**Advisory Board**

Care Transitions and Teamwork in Pediatric Trauma: Implications for HIT Design

AHRQ

Principal Investigator: A.P. Gurses, PhD

Johns Hopkins University

**Data Safety Monitoring Board**

**KL-4 AHRF-01 Protocol**

*A multicenter, randomized, masked, placebo-controlled trial to assess the safety and efficacy of LUCINACTANT in acute hypoxemic respiratory failure in children up to two years of age*

Principal Investigator: C. Guardia, MD, Discovery Laboratories Inc.

Chair DSMB: M.A.Q. Curley

**Funded Program Grants - Educational**

Educational Initiatives/Investing In The Future

PENN Nursing

*Undergraduate curriculum revision project*

2009-2010

Award: P. D’Antonio & M.A.Q. Curley, Co-Chairs, Undergraduate Curriculum Committee

$20,000

Hahnemann Hospital Foundation

*Parent presence during a child’s invasive procedure and/or resuscitation*

2006-2007

Principal Investigator: M.A.Q. Curley

$35,000

**PUBLICATIONS**

**Scopus: 7005220720**

**Orcid: 0000-0001-5228-6694**

**ResearcherID: F-3579-2016**

**Journal Articles: Research, Peer Reviewed** (\* indicates data-based)

\*Kachmar, A.G., Wypij, D., Curley, M.A.Q. (in review). The association of socioeconomic status with illness severity upon PICU admission in children with acute respiratory failure.

\*Rad, L., Carter, B., Curley, M.A.Q., Copnell, B., Tume, L.N. (in review). Endotracheal Suctioning by PICU Nurses does not always reflect best-available evidence: An International E-Cross Sectional Survey of Practice.

\*Kohne, J.G., Dahmer, M.K., Weeks, H.M., Kaciroti, N., Quasney, M.W., Sapru, A., Curley, M.A.Q., Matthay, M., Flori, H.R. (in review.) Impact of bilateral infiltrates on inflammatory biomarker levels and clinical outcomes of children with oxygenation defect.

\*Staveski, S.L., Pickler, R.H., Khourdy, P …… Curley, M.A.Q., (in review) Prevalence of ICU Delirium in Postoperative Pediatric Cardiac Surgery Patients. *Pediatr Crit Care Med.*

\*Clapp, J.T., Diraviam, S.P., Lane-Fall, M.B., Szymczak, J.E., Muralidharan, M., Chung, J.J., Gutsche, J.T., Curley, M.A.Q., Berns, J.S., Fleisher, L.A. (in press). The Nephrology Consultant in the Intensive Care Unit: A Qualitative Study of 1 Interdisciplinary Interaction. American Journal of Kidney Diseases.

\*Kulik, L.A., Hasbani, N.R., Stellar, J.J., Quigley, S.M., Shelley, S.S., Wypij, D., Curley, M.A.Q. for Braden QD Study Group (2019). Hospital-Acquired Pressure Injuries in Children With Congenital Heart Disease: Prevalence and Associated Factors. Pediatr Crit Care Med 2019; 20:1048–1056.

\*Solodiuk, J.C., Greco, C.D., O'Donnell, K.A., Morrill, D.R., Curley, M.A.Q. (2019). Avoiding home discharge of children on sedative tapers post pediatric intensive care. J Peds Nsg; 49: 8–23 

\*Watson, R.S., Asaro, L.A., Hutchins, L., Bysani, G.K., Killien, E.Y., Angus, D.C., Wypij, D., Curley, M.A.Q., (2019). Risk Factors for Functional Decline and Impaired Quality of Life after Pediatric Respiratory Failure. *Am J Respir Crit Care Med.* (PubMed: 31034245)

\*Flori, H., Sapru, A., Quasney, M.W., Gildengorin, G., Curley, M.A.Q. Matthay, M.A., Dahmer, M.K., and for the BALI and RESTORE Study Investigators and Pediatric Acute Lung Injury and Sepsis (PALISI) Network. (2019). A Prospective Investigation of Interleukin-8 Levels in Pediatric Acute Respiratory Failure and Acute Respiratory Distress Syndrome. *Critical Care*; 23:128. (PMID: 30995942)

\*de Jager, P., Kamp, Y., Dijkstra, S.K., Burgerhof, Markhorst, D.G., Curley, M.A.Q., Cheifetz, I.M., Martin C.J. Kneyber, M.C.J. (2019) Feasibility and safety of a physiologic, open-lung high – frequency oscillatory ventilation approach in children. Ann Intensive Care. 18;9:9. (PMID: 30659380)

\*Zuppa, A.F., Benitez, G.R., Zane, N.R., Curley, M.A.Q., Bradfield, J., Hakonarson, H., Gastonguay, M.S., Moorthy, G., Prodell, J., Gastonguay, R.R. (2019). Morphine Dose Optimization in Critically Ill Pediatric Patients with Acute Respiratory Failure: A Population Pharmacokinetic-Pharmacogenomic Study. *Crit Care Med;* 47:e485–e494. (PMID: 30920410)

\*Zuppa, A.F., Conrado, D.J., Zane, N.R., Curley, M.A.Q., Bradfield, J., Hakonarson, H., Gastonguay, M.S., Moorthy, G., Prodell, J., Gastonguay, R.R. (2019). Midazolam Dose Optimization in Critically Ill Pediatric Patients with Acute Respiratory Failure: A Population Pharmacokinetic-Pharmacogenomic Study. *Crit Care Med. 47(4):e301-e309. (PMID: 30672747)*

\*Best, K.M., Asaro, L.A., Curley, M.A.Q. for the RESTORE Study Investigators. (2019). Sedation management for critically ill children with pre-existing cognitive impairment:

Is it different? *J Pediatr. 206; 204-211.* *(PMID: 30527750)*

\*Dahmer, M.K., Quasney, M.W., Sapru, A., Gildengorin, G., Curley, M.A.Q. Matthay, M.A., and Flori, H., for the BALI and RESTORE Study Investigators and Pediatric Acute Lung Injury and Sepsis (PALISI) Network. (2018). Interleukin-1 receptor antagonist is associated with pediatric acute respiratory distress syndrome and worse outcomes in children with acute respiratory failure. *Pediatr Crit Care Med. 19(10):930-938. (PMID: 30095747)*

\*Staveski, S.L., Pickler, R.H., Lin, L., Shaw, R.J., Meinzen-Derr, Redington, A. Curley, M.A.Q. (2018). Management of Pediatric Delirium in Pediatric Cardiac Intensive Care Patients: An International Survey of Current Practices. *Pediatr Crit Care Med; 19:538–543.* (PMID: 29863637)

\*Barbaro, R.P., Xu, Y., Borasino, S., Truemper, E.J., Watson, R.S., Thiagarajan, R.R., Wypij, D., Curley, M.A.Q., for the RESTORE Study Investigators. (2018). Extracorporeal Membrane Oxygenation in severe pediatric acute respiratory failure – a matched analysis. *Am J Respir Crit Care Med.* *197*(9):1177-1186. (PMID: 29373797)

\*Lebet, R., Asaro, L.A., Zuppa, A.F. Curley, M.A.Q. (2018). Face and Content Validity of Variables Associated with the Difficult-to-Sedate Child in the Pediatric Intensive Care Unit: A Survey of Pediatric Critical Care Clinicians. *Australian Critical Care*; *31*(3): 167-173. (PMID: 29567042)

\*Watson, R.S., Asaro, L.A., Hertzog, J.H., Sorce, L., Kachmar, A.G., Dervan, L.A., Angus, D.C., Wypij, D., Curley, M.A.Q., for the RESTORE Study Investigators\* and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. (2018). Long-term outcomes after protocolized sedation vs usual care in ventilated pediatric patients. *Am J Respir Crit Care Med. 197(11:*1457-1467. (PMID: 29313710)

\*Curley, M.A.Q., Hasbani, N.R., Quigley, S.M., Stellar, J.J., Pasek, T.A., Shelley, S.S., Kulik, L.A., Chamblee, T.B., Dilloway, M.A., Caillouette, C.N., McCabe, M.A., Wypij, D., (2018) Predicting pressure injury risk in pediatric patients: the Braden QD Scale. *J Pediatr 2018;192:189-95).* (PMID: 29246340)

\*Froh, E.B., Deatrick, J.A., Curley, M.A.Q., and Spatz, D.L. (2017). Mothers of infants with congenital diaphragmatic hernia describe “Breastfeeding” in the Neonatal Intensive Care Unit: “As long as it’s my milk, I’m happy”. *Journal of Human Lactation: Official Journal of International Lactation Consultant Association*; 33(3):524-532. (PMID: 28609176)

\*Schneider, J.B., Sweberg, T., Asaro, L.A., Kirby, A., Wypij, D., Thiagarajan, R.R., Curley, M.A.Q. for the RESTORE Study Investigators. (2017). Sedation Management in Children Supported on Extracorporeal Membrane Oxygenation for Acute Respiratory Failure. *Crit Care Med*; 45(10): e1001–e1010 (doi: 10.1097/CCM.0000000000002540).

\*Lebet, R., Hayakawa, J., Chamblee, T.B., Tala, J.A., Singh, N., Wypij, D., Curley, M.A.Q. for the RESTORE Study Investigators. (2017). Maintaining Interrater Agreement of Core Assessment Instruments in a Multisite Randomized Controlled Clinical Trial. *Nursing Research*, 66(4), 323–329. (PMID: 28654569)

\*Natale JE, Lebet R, Joseph JG, Ulysse C. Ascenzi J, Wypij D, Curley MAQ. for the Randomized Evaluation of Sedation Titration for Respiratory Failure (RESTORE) Study Investigators (2017) Racial and ethnic disparities in parental refusal of consent in a large, multisite pediatric critical care clinical trial. The Journal of Pediatrics*. J Pediatr*, 184, 204-208. (PMID: 28410087)

\*Weiss, S.L., Asaro, L.A., Flori, H.R., Allen, G.L., Wypij, D., Curley, M.A.Q., for the RESTORE Study Investigators. (2017). Multiple Organ System Dysfunction in Children Mechanically Ventilated for Acute Respiratory Failure. *Pediatr Crit Care Med,* 18, 319–329. (PMCID: PMC5380520)

\*Agus, M.S.D., Wypij, D., Hirshberg, E.L., Srinivasan, V., Faustino, E.V., Luckett, P.M., Alexander, J.L., Asaro, L.A., Curley, M.A.Q., Steil, G.M., Nadkarni, V.M. for the HALF-PINT Study Investigators and the PALISI Network. (2017). Tight glycemic control in critically ill children. *N Engl J Med*, 376:729-741. (PMID: 28118549)

\*Faustino, E.V.S., Gedeit, R., Schwarz, A.J., Asaro, L.A., Wypij, D. Curley, M.A.Q. for the RESTORE Study Investigators. (2017). Accuracy of an extubation readiness test in predicting successful extubation in children with acute respiratory failure from lower respiratory tract disease. *Crit Care Med,* 45(1), 94-102. (PMID: 27632676)

\*Best, K.M., Wypij, D., Asaro, L.A., Curley, M.A.Q. for the RESTORE Study Investigators. (2017). Patient, process and system predictors of iatrogenic withdrawal syndrome in critically ill children. *Crit Care Med.*45, e7-e15. (PMID: 27513532)

\*Gustafson, K., LaBrecque, M., Graham, D.A., Tella, N., Curley, M.A.Q. (2016). Parent Presence during Neonatal ICU Rounds, Impact on Parent Stress. *J Obstet Gynecol Neonatal Nurs,* 45(5), 661-670. (PMID: 27497030)

\*Grant, M.J.C., Schneider, J.B., Asaro, L.A., Dodson, B.L., Hall, B.A., Simone, S.L., Cowl, A.S., Munkwitz, M.M., Wypij, D., Curley, M.A.Q., for the RESTORE Study Investigators. (2016). Dexmedetomidine Use in Critically Ill Children with Acute Respiratory Failure. *Pediatr Crit Care Med,* 17: 1131-1141. (PMID: 27654816; PMCID: PMC5138139)

\*Ward, S.L., Quinn, C.M., Valentine, S.L., Sapru, A., Curley, M.A.Q., Willson, D.F., Liu, K.D., Matthay, M.A., Flori, H.R. (2016) Poor Adherence to Lung Protective Mechanical Ventilation in Pediatric Acute Respiratory Distress Syndrome. *Pediatr Crit Care Med,* 17(10):917-923.

(PMID: 27513687)

\*Ward, S.L., Gildengorin, V., Valentine, S.L., Sapru, A., Curley, M.A.Q., Thomas, N., Willson, D.F., Flori, H.R. (2016) Impact of weight extremes on clinical outcomes in pediatric acute respiratory distress syndrome. *Crit Care Med, 44(11), 2052–2059.* (PMID: 27355525)

\*Bateman ST, Borasino S, Asaro LA, Cheifetz IM, Diane S, Wypij D, Curley MAQ for the RESTORE Study Investigators. (2016). Early high frequency oscillatory ventilation and clinical outcomes in pediatric acute hypoxemic respiratory failure: A propensity analysis. *Am J Respir Crit Care Med, 193*(5), 495-503. (PMID: 26492410; PMC4824923)

\*Best, K.M., Asaro, L.A., Franck, L.S., Wypij, D., Curley, M.A.Q. for the RESTORE Study Investigators. (2016). Patterns of sedation weaning in critically-ill children recovering from acute respiratory failure. *Pediatr Crit Care Med,* 17(1):19–29. (PMID: 26509816; PMC4703577)

\*Froh, E.B., Deatrick, J.A., Curley, M.A.Q., Spatz, D.L. (2015). Making meaning of pumping for mothers of infants with congenital diaphragmatic hernia. J Obstet Gynecol Neonatal Nurs, 44(3), 439-49. (PMID: 25851118)

\*Curley, M.A.Q., Wypij, D., Watson, R.S., Grant, MJ.C., Asaro, L.A., Cheifetz, I.M., Dodson, B.L., Franck, L.S., Gedeit, R.G., Angus, D.C., Matthay, M.A., for the RESTORE Study Investigators and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. (2015). Protocolized Sedation versus Usual Care in Pediatric Patients Mechanically Ventilated for Acute Respiratory Failure: A Randomized Clinical Trial.  *JAMA, 313(4):379-389*. (PMID: 25602358; PMC4955566)

\*Best, K.M., Boullata, J.I., Curley, M.A.Q. (2015). Risk factors associated with iatrogenic opioid and benzodiazepine withdrawal in critically ill pediatric patients: A systematic review and conceptual model. *Pediatr Crit Care Med, 16*(2), 175-183. (PMID: 25560429; PMC5304939)

\*Manning, M.J., Gaureau, K., Curley, M.A.Q. (2015). Factors associated with occipital pressure ulcers in hospitalized pediatric patients. *Am J Crit Care, 24(4), 342-348. (*PMID: 26134335)

\*Staveski, S.S., Lincoln, P.A., Fineman, L.D., Asaro, L.A., Wypij, D., Curley, M.A.Q., (2014) Nurse decision-making regarding the use of analgesics and sedatives in the pediatric cardiac intensive care unit. *Pediatr Crit Care Med. 15*(8):691-697 *(*PMID: 25080151)

\*Sud, S., Friedrich, J.O., Adhikari, N.K.J., Taccone, P., Mancebo, J., Polli, F., Latini, R., Pesenti, A., Curley, M.A.Q., Fernandez, R., Chan ,M-C., Beuret, P., Voggenreiter, G., Sud, M., Tognoni, G., & Gattinoni, L., Guérin, C., (2014). The effect of prone ventilation on mortality in patients with ARDS: A meta-analysis. *CMAJ, 186*(10):E381-E390.(PMID: 24863923)

\*Agus MS, Asaro LA, Steil GM, Alexander JL, Silverman M, Wypij D, Gaies MG; for the SPECS Investigators (including Curley, M.A.Q). (2014) Tight Glycemic Control after Pediatric Cardiac Surgery in High-Risk Patient Populations: A Secondary Analysis of the Safe Pediatric Euglycemia after Cardiac Surgery Trial. *Circulation, 129*(22), 2297-304. (PMID: 24671945; PMC4043858)

\*Hickey, P.A., Gauvreau, K., Curley, M.A.Q., Connor, J.A. (2013). Effect of Critical Care Nursing and Organizational Characteristics on Pediatric Cardiac Surgery Mortality in the United States. *J Nurs Adm, 43*(12), 637-44. (PMID: 24232237)

\*Murray, J.S., Noonan, C., Quigley, S., Curley, M.A.Q., (2013). Medical Device-Related Hospital-Acquired Pressure Ulcers in Children: An Integrative Review. *J Pediatr Nurs, 28,* 585–595. *(*PMID: 23810813)

\*Siow, E., Wypij, D., Berry, P., Hickey, P.A., Curley, M.A.Q. (2013). The Effect of Continuity in Nursing Care on Patient Outcomes in the Pediatric Intensive Care Unit. *J Nurs Adm, 43*(7/8), 394-402. (PMID: 23892304)

\*Grant, M.C., Balas, M.C., Curley, M.A.Q. (2013). Defining sedation-related adverse events

in the pediatric intensive care unit. *Heart Lung*. *42*(3), 171-176. (PMID: 23643411; PMC3641854)

\*Curley, M.A.Q., Hunsberger, M., Sion Kim Harris, S.K. (2013). Psychometric Evaluation of the Family-Centered Care Scale (FCCS) for Pediatric Acute Care Nursing. *Nurs Res, 62*(3) 160-168. (PMID: 23636343)

\*Agus, M.S., Steil, G.M., Wypij, D., Costello, J.M., Laussen, P.C., Langer, M., Alexander, J.L., Scoppettuolo, L.A., Pigula, F.A., Charpie, J.R., Ohye, R.G., Gaies, M.G., SPECS Study Investigators (including Curley, M.A.Q). (2012) Tight glycemic control versus standard care after pediatric cardiac surgery. *N Engl J Med*. *367*(13):1208-1219. (PMID: 22957521; PMC3501680)

\*Curley, M.A.Q., Meyer, E.C., Scoppettuolo, L.A., McGann, E.A., Trainor, B.P., Rachwal, C., Hickey, P.A. (2012). Parent Presence during Invasive Procedures and/or Resuscitation: Evaluating a Clinical Practice Change. *Am J Respir Crit Care Med, 186(11),* 1133–1139. (PMID: 22997205)

\*Galvin, P.A., Curley, M.A.Q., (2012). The Braden Q+P: a Pediatric Perioperative Pressure Ulcer Risk Assessment and Intervention Tool. *AORN J,* *96(September), 261-270.* (PMID: 22935255)

\* Kohr, L.M., Hickey, P.A., Curley, M.A.Q. (2012), Building a Nursing Productivity Measure Based on the Synergy Model – First Steps. *Am J Crit Care,* 21(6), 420-430. (PMID: 23117905)

\*Grant, M.J.C., Scoppettuolo, L.A., Wypij, D. Curley, M.A.Q. (2012). Prospective evaluation of sedation-related adverse events in pediatric patients ventilated for acute respiratory failure. *Crit Care Med*, *40*(4), 1317–1323. (PMID: 22425823)

\*Franck, L.S., Scoppettuolo, L.A., Wypij, D. Curley, M.A.Q. (2012). Validity and generalizability of the Withdrawal Assessment Tool-1 (WAT-1) for monitoring iatrogenic withdrawal syndrome in pediatric patients. *Pain,* 153(1), 142–148 (PMID: 22093817)

\*Solodiuk, J.C., Scott-Sutherland, J., Meyers, M., Myette, B., Shusterman, C.,. Karian, V.E., Harris, S.K., Curley, M.A.Q. (2010). Validation of the Individualized Numeric Rating Scale (INRS): A pain assessment tool for nonverbal children with intellectual disability. *Pain,* 150(2), 231–236 *(*PMID: 20363075)

\*Sud, S., Friedrich, J.O., Taccone, P., Polli, F., Adhikari, N.K.J., Latini, R., Pesenti, A., Guérin, C., Mancebo, J., Curley, M.A.Q., Fernandez, R., Chan ,M-C., Beuret, P., Voggenreiter, G., Sud, M., Tognoni, G., & Gattinoni, L. (2010). Prone ventilation reduces mortality in -patients with acute respiratory failure and severe hypoxemia: Systematic review and meta-analysis. *Intensive Care Med.* *36(4), 585 – 599.* (PMID: 20130832)

\*Sapru, A., Curley, M. A. Q., Brady, S., Matthay, M.A., Flori, H. (2010). Elevated PAI-1 is associated with poor clinical outcomes in pediatric patients with acute lung injury. *Intensive Care Med, 36*(1):157-63. (PMID: 19855955; PMC2807603)

\*Thomas, N.J., Shaffer, M.L., Willson, D.F., Shih, M.C., & Curley, M.A.Q. (2010). Defining acute lung disease in children with the Oxygenation Saturation Index (OSI). *Pediatr Crit Care Med. 11*(1):12-17. (PMID: 19561556; PMC2936504)

\*Khemani, R.G., Markovitz, B.P., & Curley, M.A.Q. (2009). Characteristics of intubated and mechanically ventilated children in United States Pediatric Intensive Care Units (PICUs). *Chest, 136*(3),765-771. (PMID: 19542258; PMC2775993)

\*Graham, R.J., Pemstein, D.M., & Curley, M.A.Q. (2009). Experiencing the PICU: Perspective from parents of children with severe antecedent disabilities. *Crit Care Med*, *37*(6), 2064-2070. (PMID: 19384200)

\*Braudis, N.J., Curley, M.A.Q., Beaupre, K., Thomas, K., Hardiman, G., Laussen, P., & Thiagarajan, R. R. (2009). Enteral feeding algorithm for infants with hypoplastic left heart syndrome post stage I palliation. *Pediatr Crit Care Med*, *10*(4), 460-466. (PMID: 19307819)

\*Sorce, L.R., Hamilton, S.M., Gauvreau, K., Mets, M., Hunter, D.G., Rahmani, B., Wu, C., & Curley, M.A.Q. (2009). Preventing corneal abrasions in critically ill children receiving neuromuscular blockade: A randomized, controlled trial. *Pediatr Crit Care Med, 10*(2), 171–175. (PMID: 19188877)

\*Franck, L.S., Harris, S. K., Soetenga, D.J., Amling, J.K., & Curley, M.A.Q. (2008) The Withdrawal Assessment Tool – Version 1 (WAT-1): An assessment instrument for monitoring opioid and benzodiazepine withdrawal symptoms in pediatric patients. *Pediatr Crit Care Med, 9*(6), 573–580. (PMID: 18838937; PMC2775493)

\*Thompson, B.T., Orme, J.F., Zheng, H., Luckett, P.M., Truwit, J.D., Willson, D.F., Hite, R.D., Brower, R.G., Bernard, G.R., Curley, M.A.Q., Steingrub, J. S., Sorenson, D.F., Sward, K., Hirshberg, E., & Morris, A.H. (2008). Multicenter validation of a computer-based clinical decision support tool for glucose control in adult and pediatric intensive care units. *J Diabetes Sci Technol*, *2*(3), 57-368. (PMID: 19885199; PMC2769731)

\*Curley, M.A.Q., Harrison, C.H., Craig, N., Lillehei, C.W, Micheli, A., & Laussen, P.C. (2007). Pediatric staff perspectives on organ donation after cardiac death in children. *Pediatr Crit Care Med, 8*(3), 212-219. (PMID: 17417125)

\*Connor, J.A., Curley, M.A.Q., Jenkins, K.J., Gauvreau, K., & Hickey, P.A. (2006). Maximizing intensive care bed utilization while maintaining pediatric patient safety and quality of care. *Patient Safety and Quality Healthcare, 3*(6), 50-55.

\*Noonan, C., Quigley, S., & Curley, M.A.Q. (2006). Skin integrity in hospitalized infants and children: A prevalence survey. *J Pediatr Nurs*, *21*(6), 445-453. (PMID: 17101403)

\*Horn, M.H., Kinnamon, D.D., Ferraro, N.F., & Curley, M.A.Q. (2006). Smaller mandibular size in infants with a history of an apparent life-threatening event. *J Pediatr, 149*(4), 499-504. (PMID: 17011321)

\*Fineman, L., LaBrecque, M., Shih, M.C., & Curley, M.A.Q. (2006). Prone positioning can be safely performed in critically ill infants and children. *Pediatr Crit Care Med, 7*(5), 413-422. (PMID: 16885792; PMC1778461)

\*Curley, M.A.Q., Harris, S. K., Fraser, K., Johnson, R., & Arnold, J.H. (2006). State behavioral State Behavioral Scale (SBS): A sedation assessment instrument for infants and young children supported on mechanical ventilation. *Pediatr Crit Care Med*, *7*(2), 107-114. (PMID: 16446601; PMC1626525)

\*Curley, M.A.Q., Hibberd, P.L., Fineman, L.D., Wypij, D., Shih, M.C., Thompson, J.E., Grant, M.J.C., Barr, F.E., Cvijanovich, N.Z., Sorce, L., Luckett, P.M., Matthay, M.A., & Arnold, J.H. (2005). Effect of prone positioning on clinical outcomes in children with acute lung injury: A randomized controlled trial. *JAMA, 294*(2), 229-237. (PMID: 16014597; PMC1237036)

\*Curley, M.A.Q., Quigley, S.M., & Lin, M. (2003). Pressure ulcers in pediatric intensive care – incidence and associated factors. *Pediatr Crit Care Med, 4*(3), 284-290. (PMID: 12831408)

\*Curley, M.A.Q. & Meyer, E.A. (2003). Parent experience of highly technical therapy, survivors and nonsurvivors of extracorporeal membrane oxygenation support. *Pediatr Crit Care Med, 4*(2), 214-219. (PMID: 12749655).

\*Curley, M.A.Q., Razmus, I.S., Roberts, K.E., & Wypij, D. (2003). Predicting pressure ulcer risk in pediatric patients - the Braden Q Scale. *Nurs Res, 52*, 22-33. (PMID: 12552172)

\*Lyons, J., Rauh-Pfeiffer, A., Ming-Yu, Y., Lu, X., Zurakowski, D., Curley, M.A.Q., Collier, S., Duggan, C., Nurko, S., Thompson, J., Ajami, A., Borgonha, S., Young, V., & Castillo, L. (2001). Cysteine metabolism and whole blood glutathione synthesis in septic pediatric patients. *Crit Care Med, 29*(4), 870-877. (PMID: 11373484)

\*Curley, M.A.Q., Thompson, J.E., & Arnold, J.H. (2000). The effects of early and repeated prone positioning in pediatric patients with acute lung injury. *Chest, 118*(1), 156-163. (PMID: 10893373)

\*Curley, M.A.Q., & Fackler, J.C. (1998). Weaning from mechanical ventilation: Patterns in pediatric patients recovering from acute hypoxemic respiratory failure. *Am J Crit Care, 7*(5), 335-345. (PMID: 9740883)

\*Curley, M.A.Q., Kinnen, S., & Geller, M. (1992). Venous arterial management protection (VAMP) system: Product evaluation. *J Pediatr Nurs, 7*(1), 67-69. (PMID: 1548566)

\*Curley, M.A.Q., & Wallace, J. (1992). Effects of the nursing mutual participation model of care on parental stress in the pediatric intensive care unit - A replication. *J Pediatr Nurs, 7*(6), 377-385. (PMID: 1291673)

\*Rogers, J., Curley, M.A.Q., Driscoll, J., Kerrigan, T., LeBlanc, G., Libman, M., & McCarty, K. (1991). Evaluation of tympanic membrane thermometer for use with pediatric patients. *Pediatr Nurs, 17*(4), 376-378. (PMID: 1861904)

\*Curley, M.A.Q. (1988). Effects of the nursing mutual participation model of care on parental stress in the pediatric intensive care unit. *Heart Lung, 17*(6,1), 682-688. (PMID: 3192414)

**Journal Articles: Research, Peer Reviewed Reviews**

Khemani, R.G., Hotz, J., Klein, M., Kwok, J., Park, C., Lane, C., Smith, E., Kohler, K., Suresh, A., Medina, D., Rossa, P.A., Deakers, T., Beltramo, F., Nelson,L., Shah, S., Bhalla, A., Curley, M.A.Q., Newth, CJ.L. (in press) A Phase II randomized controlled trial for lung and diaphragm protective ventilation (Real-time Effort Driven VENTilator management). *Contemp Clin Trials.*

Broden, E.G., Deatrick, J.A., Ulrich, C., Curley, M.A.Q. (in press). A Good Death Concept Analysis on Parents’ Perceptions of End-of-Life Care in the Pediatric Intensive Care Unit. *American Journal of Critical Care Nursing.*

Sorce, L.R., Curley, M.A.Q., Kleinpell, R. Swanson, B., Meier, P.P. (2020). Mother’s Own Milk Feeding and Severity of Respiratory Illness in Acutely Ill Children: An Integrative Review. J Pediatr Nsg. Volume 50, Pages 5–13.

Kachmar, A.G., Connolly, C.A., Wolf, S., Curley, M.A.Q. (2019). Socioeconomic Status in Pediatric Health Research: A Scoping Review. J Pediatr. 213:163-170. (PMID: 31300308)

Yehya, N., Harhay, M.O., Curley, M.A.Q., Schoenfeld, D.A., Reeder, R.W. (2019). Re-appraisal of ventilator-free days in critical care research. *Am J Respir Crit Care Med.* (PubMed: 31034248)

Walter, J.K., Arnold, R.M., Curley, M.A.Q., Feudtner, C. (2019). Teamwork when Conducting Family Meetings: Concepts, Terminology, and the Importance of Team-Team Practices. J Pain Symptom Manage. 58(2):336-343. (PMID: 31051202)

Curley, M.A.Q., Gedeit, R.G., Dodson, B., Amling, J.K., Soetenga, D.J., Corriveau, C.O., Asario, L.A., Wypij, D., For the RESTORE Investigative Team. (2018). Design and Rationale of the Randomized Evaluation of Sedation Titration for Respiratory Failure (RESTORE) Clinical Trial. *Trials. 19(1):687. (PMID: 30558653)*

Curley MAQ, Watson RS (equal contribution), Cassidy AM, Burns C, Delinger, RL, Angus DC, Asaro LA, Wypij D, Beers SR, for the *RESTORE-cognition* Study Investigators. (2018). Design and rationale of the “Sedation strategy and cognitive outcome after critical illness in early childhood” study. Contemp Clin Trials. 72:8-15. (PMID: 30017814)

Watson RS, Choong K, Colville G, Crow S, Dervan LA, Hopkins RO, Knoester H, Pollack MM, Rennick J, Curley MAQ. (2018). Life after critical illness in children – State of the science and future directions for understanding pediatric post-intensive care syndrome. *J Pediatr, 198, 16-24. (PMID: 29728304)*

Manning, J.C., Pinto, N.P., Rennick, J.E., Colville, G., Curley, M.A.Q. (2018). Conceptualizing Post Intensive Care Syndrome in Children – The PICS-p Framework. *Pediatr Crit Care Med, 19, 298–300.* *(PMID: 29406379)*

Kachmar, A.G., Irving, S.Y, Connolly, C.A. Curley, M.A.Q. (2018). A Systematic Review of Risk Factors Associated with Cognitive Impairment After Pediatric Critical Illness. *Pediatr Crit Care Med;* 19(3): e164–e171.(PMID: 29329164)

Boyden, J., Curley, M.A,Q., Deatrick, J.A., Ersek, M. (2018). Factors Associated with Use of of U.S. Community-Based Palliative Care for Children with Life-Limiting or Life-Threatening Illnesses and Their Families: An Integrative Review. J Pain Symptom Manage; 55(1):117-131. (PMID: 28807702)

Upperman, J.S., Lacroix. J., Curley, M.A.Q., Checchia, P.A., Lee, D.L., Cooke, K.R., Tamburro, R.F. (2017). Specific etiologies associated with the multiple organ dysfunction syndrome in children: Part 1. *Pediatr Crit Care Med.* 18:S50–S57. (PMID: 28248834)

Agus, M.S.D., Hirshberg, E., Srinivasan, V., Faustino, E.V., Luckett, P.M., Curley, M.A.Q., Alexander, J., Asaro, L.A., Coughlin-Wells, K., RN, Duva, D., French, J., Hasbani, N., Sisko, M.T., Soto-Rivera, C.L., Steil, G., Wypij, D., Nadkarni, V.M. and HALF-PINT Study Investigators and the Pediatric Acute Lung Injury and Sepsis Investigators Network. (2017). Design and rationale of Heart and Lung Failure – Pediatric Insulin Titration Trial (HALF-PINT): A randomized clinical trial of tight glycemic control in critically ill hyperglycemic children. *Contemporary Clinical Trials,* 53: 178-187. (PMID: 28042054)

Tume, L.N., Coetzee, M., Hickey, P.A., Kinney, S., Latour, J.M., Dryden-Palmer, K., Pedreira, M.L.G., Sefton, G.R., Sorce, L., Curley, M.A.Q. (2015). Pediatric Critical Care Nursing Research Priorities – Initiating International Dialogue. *Pediatr Crit Care Med.*1*6*(6):e174-82. (PMID: 25905492)

Pediatric Acute Lung Injury Consensus Conference Group (including Curley, M.A.Q). (2015). Pediatric Acute Respiratory Distress Syndrome: Consensus Recommendations from the Pediatric Acute Lung Injury Consensus Conference. *Pediatr Crit Care Med, 16*(5), 428–439.

(PMID: 25647235)

Valentine, S.L., Nadkarni, V.M., Curley, M.A.Q. (2015), Section 5- Non-Pulmonary Treatments for Pediatric Acute Respiratory Distress Syndrome: Proceedings from the Pediatric Acute Lung Injury Consensus Conference. *Pediatr Crit Care Med*. 16(5), S73–S85. (PMID: 26035367)

Pediatric Acute Lung Injury Consensus Conference Group (including Curley, M.A.Q). (2015). Special Issue. Methodology of the Pediatric Acute Lung Injury Consensus Conference; Pathobiology of Acute Respiratory Distress Syndrome: Proceedings from the Pediatric Acute Lung Injury Consensus Conference; 1 - Pediatric Acute Respiratory Distress Syndrome: Definition, Incidence and Epidemiology. Proceedings from the Pediatric Acute Lung Injury Consensus Conference; 2- Comorbidities and Assessment of Severity of Pediatric Acute Respiratory Distress Syndrome: Proceedings from the Pediatric Acute Lung Injury Consensus Conference; 3- Ventilatory Support in Children with Pediatric Acute Respiratory Distress Syndrome: Proceedings from the Pediatric Acute Lung Injury Consensus Conference; 4- Pulmonary specific ancillary treatment for Pediatric Acute Respiratory Distress Syndrome: Proceedings from the Pediatric Acute Lung Injury Consensus Conference; 6- Monitoring of children with Pediatric Acute Respiratory Distress Syndrome: Proceedings from the Pediatric Acute Lung Injury Consensus Conference; 7 - Non-invasive support and ventilation for Pediatric Acute Respiratory Distress Syndrome : Proceedings from the Pediatric Acute Lung Injury Consensus Conference; 8- Extracorporeal support in children with Pediatric Acute Respiratory Distress Syndrome: Proceedings from the Pediatric Acute Lung Injury Consensus Conference; 9 - Outcomes of children with pediatric acute respiratory distress syndrome: Proceedings from the Pediatric Acute Lung Injury Consensus Conference. *Pediatr Crit Care Med, 16*(5\_suppl), S1-S131.

Gaies, M.G., Langer, M., Alexander, J., Steil, G.M., Ware, J., Wypij, D., Laussen, P.C., Newburger, J.W., Goldberg, C.S., Pigula, F.A., Shukla, A.C., Duggan, C.P., Agus, M.S.; Safe Pediatric Euglycemia after Cardiac Surgery Study Group (including Curley, M.A.Q). (2013). Design and rationale of safe pediatric euglycemia after cardiac surgery: a randomized controlled trial of tight glycemic control after pediatric cardiac surgery. *Pediatr Crit Care Med*, *14*(2), 148-56. (PMID: 22805161)

Deutschman, C.S., Ahrens, T., Cairns, C.B., Sessler, C.N., Parsons, P.E., Critical Care Societies Collaborative/USCIITG Task Force on Critical Care Research (including Curley, M.A.Q). (2012). Multisociety task force for critical care research: key issues and recommendations. *Am J Respir Crit Care Med*, *185*(1):96-102. (PMID: 22210788) *Crit Care Med*, *40*(1):254-60. (PMID: 22179341) *Am J Crit Care*, 21(1):15-23. (PMID: 22210695) *Critical Care Nurse.* 32(1):16-18. (PMID: 22298714) *Chest*. 141(1):201-209. (PMID: 22215828)

Noonan, C., Quigley, S., & Curley, M.A.Q. (2011). Using the Braden Q Scale to predict pressure ulcer risk in pediatric patients. *J Pediatr Nurs,* 26(6):566-575. (PMID: 22055377)

Dingeman, R.S., Mitchell, E.A., Meyer, E.C., & Curley, M.A.Q. (2007). Parent presence during complex invasive procedures and cardiopulmonary resuscitation: A systematic review of the literature*.* *Pediatrics, 120*(4)*,* 842-854. (PMID: 17908772)

Curley, M.A.Q., & Hickey, P.A. (2006). The Nightingale Metrics: What nurses do to “put the patient in the best condition for nature to act upon them.” *Am J Nurs, 106*(10), 66-70. (PMID: 17016098)

Curley, M.A.Q. (1999). Prone positioning patients with acute respiratory distress syndrome: A systematic review. *Am J Crit Care, 8*(6), 397-405. (PMID: 10553180)

**Journal Articles: Clinical/Other, Peer Reviewed**

Chamblee, T.B., Pasek, T.A., Caillouette, C.N., Stellar, J.J., Quigley, S.M., Curley, M.A.Q. (in press). Using the Braden QD Scale for Predicting Pediatric Pressure Injury Risk. *Am J Nurs. 2018;118(11):34-43. (PMID: 30325747)*

Zuppa, A.F., Curley, M.A.Q. (2017). Sedation Analgesia and Neuromuscular Blockade in Pediatric Critical Care: Overview and current landscape. *Pediatric Clinics, 64(5), 1103 - 1116*.

Broden, E., and Curley, M.A.Q. (2015). How to Create an Effective Poster for a Professional Meeting: A literature review. *Pediatric Intensive Care Nursing.*

Best, K.M., Jarrín, O., Buttenheim, A.M., Bowles, K., Curley, M.A.Q., (2015). Innovation in creating a strategic plan for research within an academic community. *Nursing Outlook,* *63*(4), 456-461. (PMID: 26187085)

D’Antonio, P.O, Walsh Brennan, A.M., Curley, M.A.Q. (2013) Judgment, Inquiry, Engagement, Voice: Re-envisioning an Undergraduate Nursing Curriculum Using a Shared Decision Making Model. *J Prof Nurs, 29*:407-413. (PMID: 24267936)

Marine, K., Meehan, P., Lyons, A.C., Curley, M.A.Q. (2013) In-Equity of Patient Assignments- Fact or Fiction? *Crit Care Nurse, 33*(2), 74-47. (PMID: 23547128)

Lincoln, P., Manning, M.J., Hamilton, S., Labreque, M., Casey, D., Kennedy, H., Penny, K.C., Curley, M.A.Q. (2013). A Pediatric Critical Care Practice Group – the use of expertise and evidence-based practice in identifying and establishing “best” practice. *Crit Care Nurse*. *33*(2), 85-87. (PMID: 23547131)

Darcy Mahoney, A.E., Hancock, L., Iorianni- Cimbak, A., Curley, M.A.Q., (2013). Using high-fidelity simulation to bridge clinical and classroom learning in undergraduate pediatric nursing. *Nurse Educ Today, 33*(6), 648-654. (PMID: 22341995)

Curley, M.A.Q., (2012). Distinguished Research Lecture 2012: Together, Stronger, Bolder Clinical Research. *Am J Crit Care*, *21*(4), 230-237. (PMID: 22751365)

Ng, L.S., Curley, M.A.Q. (2012). “One more thing to think about…” the cognitive burden experienced by intensive care unit nurses when implementing a tight glucose control protocol. *J Diabetes Sci Technol, 6*(1), 58-64. (PMID: 22401323)

Curley, M.A.Q. (2011) Respiratory Research - Why is it so Difficult? *Respir Care, 56*(9), 1247–1254. (PMID: 21944679)

Irving, S.Y., & Curley, M.A.Q. (2008). Challenges to conducting multicenter clinical research:

Ten points to consider. *AACN Adv Crit Care, 19(2),* 164-169. (PMID: 18560285).

Curley, M.A.Q., Schwalenstocker, E., Desponde, J. K., Ganser, C.C., Bertoch, D., Brandon, J., & Kurtin, P. (2006). Tailoring the Institute for Health Care Improvement 100,000 Lives Campaign to pediatric settings: The example of ventilator-associated pneumonia. In A. Matlow, & R.M. Laxer (Eds.), Patient Safety. *Pediatr Clin North Am, 53*(6), 1231-1251. (PMID: 17126693)

Curley, M.A.Q., Arnold, J.H., Thompson, J.E., Fackler, J.C., Grant, M.J.C., Fineman, L.D., Cvijanovich, N., Barr, F.E., Molitor-Kirsch, S., Steinhorn,D.M., Matthay,M.A., & Hibberd, P.L. (2006). Clinical trial design - Effect of prone positioning on clinical outcomes in infants and children with acute respiratory distress syndrome. *J Crit Care, 21*(1), 23-32. (PMID: 16616620).

Curley, M.A.Q., & Zimmerman, J. (2005). Alternative outcome measures for pediatric clinical sepsis trials. *Pediatr Crit Care Med, 6*(3 Suppl), S150-6. (PMID: 15857550)

Solodiuk, J., & Curley, M.A.Q. (2003). Evidenced based practice: Pain assessment in nonverbal children with severe cognitive impairments – The Individualized Numeric Rating Scale (INRS). *J Pediatr Nurs*, *18*(4), 295-299. (PMID: 12923744)

Truog, R.D., Cist, A.F.M., Brackett, S.E., Burns, J.P., Curley, M.A.Q., Danis, M., DeVita, M.A., Rosenbaum, S.H., Rothenberg, D.M., Sprung, C.L., Webb, S.A., Wlody, G.S., & Hurford, W.E. (2001). Recommendations for end-of-life care in the intensive care unit: The Ethics Committee of the Society of Critical Care Medicine. *Crit Care Med, 29,* 2332-2348. (PMID: 11801837)

Doble, R.K., & Curley, M.A.Q., Hession-Laband, E., Marino, B.L., & Shaw, S.M. (2000). The synergy model in practice – Using the synergy model to link nursing care to Diagnosis-Related Groups (DRGs). *Crit Care Nurse*, *20*(3), 86-92. (PMID: 11876218)

Curley, M.A.Q. (1998). Patient-nurse synergy, optimizing patient outcomes. *Am J Crit Care*, *7*(1), 64-72. (PMID: 9429685)

Curley, M.A.Q. (1998) Severity of illness scoring in critical care nursing practice. *Current Opinion in Critical Care, 4*(3), 146-150.

Curley, M.A.Q., & Castillo, L. (1998). Nutrition and shock in pediatric patients. *New Horiz*, *6*(2), 212-225. (PMID: 9654328)

Curley, M.A.Q. (1997). Mutuality - an expression of nursing presence. *J Pediatr Nurs*, *12*(4), 1-6. (PMID: 9271881)

Quigley, S., & Curley, M.A.Q. (1996). Skin integrity in the pediatric population: Preventing and managing pressure ulcers*. J Soc Pediatr Nurs, 1*(1), 7-18. (PMID: 8951145)

Curley, M.A.Q., & Molengraft, J. A. (1995). Providing comfort to critically ill pediatric patients: Isoflurane. *Crit Care Nurs Clin North Am, 7*(2), 267-274. (PMID: 7619369)

Curley, M.A.Q., & Molengraft, J. A. (1994). Care of the child supported on high frequency oscillatory ventilation. *AACN Clin Issues Crit Care Nurs*, *5*(1), 49-58; quiz 95-6. (PMID: 7767797)

Curley, M.A.Q. (1993). Caring for parents of critically ill children. *Crit Care Med*, *21*(9 Suppl), S386-387. (PMID: 8365242)

Kent, P.A., & Curley, M.A.Q. (1992). Challenges in nursing: Infants with congenital diaphragmatic hernia. *Heart Lung*, *21*(4), 381-389. (PMID: 1629008)

McDermott, B.K., & Curley, M.A.Q. (1990). ECMO: Current use and future directions*. AACN Clin Issues Crit Care Nurs, 1*(2):348-364. (Oversat med forfatternes tilladelse af Ingrid Egerod) (PMID: 2206735)

Curley, M.A.Q., & Thompson, J.E. (1990). End-tidal CO2 monitoring in critically-ill infants and children. *Pediatr Nurs, 16*(4), 397-403. ()

Curley, M. A. Q., & Vaughn, S. M. (1987). Pediatric resuscitation: Mock code. *MCN Am J Matern Child Nurs*, *12*(4), 277-280. (PMID: 3112500)

Curley, M.A.Q., & Vaughn, S.M. (1987). Assessment and resuscitation of the pediatric patient (continuing education credit). *Crit Care Nurse*, *7*(3), 26-45. (PMID: 3665526)

**Abstracts** (not yet published in complete form, past 12 years; \* indicates data based, ∞ indicates peer reviewed)

\*Natale JE, Joseph JG, Ulysse C, Ascenzi J, Asaro LA, Wypij D, Curley MAQ. for the Randomized Evaluation of Sedation Titration for Respiratory Failure (RESTORE) Study Investigators. Effect of Race and Ethnicity on Sedation Management for Mechanically Ventilated Children in Pediatric Intensive Care Units. Pediatric Academic Societies (PAS). Baltimore, Maryland (April, 2019)

\*∞ Stellar, J., Hasbani, N., Kulik, L., Quigley, S., Shelly, S., Curley, M.A.Q. (2019) Medical Device Related Pressure Injuries in Infants and Children: Findings and Implications of the Braden QD Study; WOCN Conference.

\*∞ Walsh L, Curley MAQ, Copnell B, Carter B, Tume L. (2018) An international survey of PICU nurses endotracheal suctioning practices – the PERSIST study. 9th Congress of the World Federation of Pediatric Intensive & Critical Care Societies. Singapore (June, 2018)

\*∞ Lebet R, Curley MAQ. (2018) Defining the difficult-to-sedate clinical phenotype in critically ill children. 9th Congress of the World Federation of Pediatric Intensive & Critical Care Societies. Singapore (June, 2018)

\*∞ Fraser H, Meehan P, Griffin C, Marine K, Obrien M, Curley MAQ. (2018) Let me sleep! Changing night-time culture in the PICU. 9th Congress of the World Federation of Pediatric Intensive & Critical Care Societies. Singapore (June, 2018)

\*∞ Kopp W, Gedeit RG, McLaughlin GE, Asaro LA, Wypij D, Curley MAQ for the RESTORE Investigators. (2018). Negative Effects of Pre-Intubation NIV Use in Pediatric ARDS. 47th Critical Care Congress, Society of Critical Care Medicine, San Antonio, TX (Feb, 2018) 2018 Star Research Achievement Award

\*∞ Cheifetz IM, Sherwin JI, Asaro LA, Wypij D, Cassidy A, Kneyber MCJ, Curley MAQ. (2018). Pediatric intensivists ‘perceptions of a clinically meaningful improvement in ventilator-free days. 47th Critical Care Congress, Society of Critical Care Medicine, San Antonio, TX (Feb, 2018)

\*∞ Sapru, A., Dahmer, M.K., Flori, H., Myung Shin Sim,. Curley, M.A.Q., Matthay, M., Quasney, M.W for the BALI Study Investigators and Pediatric Acute Lung Injury and Sepsis (PALISI) Network. (2017) Elevated Plasminogen Activator Inhibitor-1 (PAI-1) plasma levels are associated with development of pediatric acute respiratory distress syndrome (PARDS) and clinical outcomes in intubated children with Acute Respiratory Failure. Oral. Pediatric Academic Societies (May)

\*∞ Flori, H., Quasney, M.W., Sapru, A. Gildengorin, G., Curley, M.A.Q., Matthay, M., Dahmer, M.K., for the BALI Study Investigators and Pediatric Acute Lung Injury and Sepsis (PALISI) Network. (2017) Plasma Interleukin-8 (IL-8) is associated with severity of oxygenation defect and mortality in children with acute respiratory failure. Poster. Pediatric Academic Societies (May)

\*∞ Dahmer, M.K., Flori, H., Quasney, M.W., Gildengorin, G., Curley, M.A.Q., Matthay, M., Sapru, A. for the BALI Study Investigators and Pediatric Acute Lung Injury and Sepsis (PALISI) Network. (2017) Plasma interleukin-1 receptor antagonist levels are associated with pediatric acute respiratory distress syndrome. Poster. Pediatric Academic Societies (May)

\*∞ Walsh L, Carter B, Copnell B, Curley MAQ, Tume LN. (2017) An international survey of endotracheal suctioning by nurses in PICU. ESPNIC 2017

\*∞ Snyder M, Garcia M, Hutchins L, Lee C, Curley MAQ. (2016). Circadian rhythms in the PICU from the parent’s perspective. 8th World Congress on Pediatric Intensive and Critical Care, Toronto, Canada (June)

\*∞ Broden E.G., Curley MAQ (2016) Impact of family presence during resuscitation on parent bereavement processes – An integrative review with nursing implications. 8th World Congress on Pediatric Intensive and Critical Care, Toronto, Canada (June)

\*∞ Meehan P, Marine K, Jean S, Curley MAQ, (2016) Florence is still influencing quality measurement. 8th World Congress on Pediatric Intensive and Critical Care, Toronto, Canada (June)

\*∞ Walsh L, Carter B, Curley MAQ, Copnell B, Tume L. (2016) Relating nurses’ Endotracheal suctioning practice to real patients: A point prevalence survey. 8th World Congress on Pediatric Intensive and Critical Care, Toronto, Canada (June)

∞ Walsh L, Carter B, Curley MAQ, Copnell B, Tume L. (2016) International Point-Prevalence survey of endotracheal Suction Practices: E-Survey development. 8th World Congress on Pediatric Intensive and Critical Care, Toronto, Canada (June)

\*∞ Lincoln P, LaRovere J, Dodson B, Whelan K, Curley MAQ. (2016) Improving how pain and sedation is managed in children post cardiac surgery – Cardiac RESTORE. 8th World Congress on Pediatric Intensive and Critical Care, Toronto, Canada (June)

\*∞ Best, K.A., Wypij, D., Curley, M.A.Q. (2014) Justifying the need for an RCT of nurse-implemented goal-directed sedation protocol in pediatric intensive care Poster, 26th Annual ENRS Scientific Sessions, Philadelphia, PA; *Nurs Res*; *63*(2), E93-E94.

**Books**

Curley, M.A.Q. (2007). *Synergy: The unique -relationship between nurses and patients*. Indianapolis, IN: Sigma Theta Tau International. (Author and Editor).

Curley, M.A.Q., & Moloney-Harmon, P. A. (2001). *Critical care nursing of infants and children*. 2nd ed. Philadelphia: WB Saunders Co. (Author and Editor).

Curley, M.A.Q, Smith, J. B., & Moloney-Harmon, P. A. (1996). *Critical care nursing of infants and children.* Philadelphia: WB Saunders Co. (Author and Editor).

Curley, M.A.Q. (1985). *Pediatric cardiac dysrhythmias.* Norwalk CT: Appleton-Lange. (Author)

**Monographs**

Curley, M.A.Q. (1987). *Effects of the nursing mutual participation model of care on parental stress in the pediatric intensive care unit* [thesis]. New Haven, CT: Yale University.

**Chapters in Books and Monographs**

Lebet, R., Vendramim, P., de Oliveira Pires, M.P., Kachmar, A., Salisu-Kabara, H.M., Pedreira, M.L.G., Curley, M.A.Q. (in press). Pediatric Critical Care Concerns. World Federation of Critical Care Nursing. Springer Publishing.

Moloney-Harmon, P.A. & Curley, M.A.Q (2017). Chapter 6: The nurse in pediatric critical care. In B.P. Fuhrman & J.J. Zimmerman (Eds.), *Pediatric Critical Care*, 5th ed. (msp. 30). Philadelphia, PA: Mosby Elsevier.

Khemani, R.G. & Curley, M.A.Q (2017). Chapter 5: Clinical research. In B.P. Fuhrman & J.J. Zimmerman (Eds.), *Pediatric Critical Care*, 5th ed. (msp. 30). Philadelphia, PA: Mosby Elsevier.

Green, M.L., Curley, M.A.Q. & Arnold, J.A. (2015). Chapter 23: Prone positioning in Acute Lung Injury. In P.C. Rimensberger (Ed.), *Pediatric and Neonatal Mechanical Ventilation* (msp. 29). Heidelberg, Germany: Springer-Verlag. DOI 10.1007/978-3-642-01219-8\_23.

Best, K.M., Curley, M.A.Q. (2015). Managing Comfort in the Critically Ill Pediatric Patient. In A.L. Graciano (Ed.), *2015 Current Concepts in Pediatric Critical Care*. Mount Prospect, IL: Society of Critical Care Medicine.

Moloney-Harmon, P.A. & Curley, M.A.Q (2014). Chapter 6: Pediatric critical care nursing foundations. In M.L.G. Pedreira (Ed.), *Critical Care Nursing Foundations:  Neonate, Children and Adult*. (msp. 28).

Moloney-Harmon, P.A. & Curley, M.A.Q (2011). Chapter 4: The nurse in pediatric critical care. In B.P. Fuhrman & J.J. Zimmerman (Eds.), *Pediatric Critical Care*, 4th ed. (msp. 30). Philadelphia, PA: Mosby Elsevier.

Mehta, N., & Curley, M.A.Q. (2007). Chapter 26: Prone positioning for Acute Lung Injury. In D. Wheeler, T. Shanley, H. Wong (Eds.), *Pediatric Critical Care Medicine: Basic Science and Clinical Evidence*. Guildford, UK: Springer-Verlag.

O’Brien, P., Curley, M.A.Q., & Hickey, P. A. (2006). Chapter 21: Contemporary practice of pediatric cardiovascular nursing. In J.F. Keane, D.C. Flyer & J.E. Lock (Eds.), *NADAS Pediatric Cardiology*, 2nd ed. (pp. 347-353). Philadelphia, PA: Mosby-Year Book.

Curley, M.A.Q., & Moloney-Harmon, P.A. (2006). Chapter 4: The nurse in pediatric critical care. In B.P. Fuhrman & J.J. Zimmerman (Eds.), *Pediatric Critical Care*, 3rd ed. (pp. 20-28). Philadelphia, PA: Mosby Elsevier.

Curley, M.A.Q. (2001). Chapter 15. Synergy Model - Creating safe passage. *Klinisk Sygepleji, Bd 1* (Clinical Nursing, Volume I) Denmark: Akademisk Forlag (Academic Press).

Curley, M.A.Q. (1996). The nursing mutual participation model of care. In D. Tibboel & E. van der Voort (Eds.), *Intensive Care in Childhood: A Challenge to the Future* (pp. 159-171). New York, NY: Springer-Verlag.

Curley, M.A.Q., & Ludwig, W.J. (1994). Chapter 6: Implementation of critical care standards. In G.S. Wlody (Ed.), *Managing Clinical Practice in Critical Care Nursing* (pp. 72-88). Philadelphia, PA: Mosby Year Book.

Curley, M.A.Q. (1994). Chapter 15: Cardiac dysrhythmias. In S. J. Kelly (Ed.), *Pediatric Emergency Nursing,* 2nd ed. (pp. 229-245). Norwalk, CT: Appleton Lange.

Curley, M.A.Q. (1988). Chapter 14: Cardiac dysrhythmias. In S. J. Kelly (Ed.), *Pediatric Emergency Nursing* (pp. 252-275). Norwalk CT: Appleton Lange.

**Guest Editorials**

Best, K.M., Lebet, R.M., & Curley, M.A.Q. (2014). Towards a more perfect (European) union. *Pediatr Crit Care Med*, 15(5), 500-502. (PMID: 24892487)

Curley, M.A.Q. (2012). Have a couple of minutes? Probably not. *Pediatr Crit Care Med*, *13(2):246-24.* (PMID: 22391846)

Kohr, L.M., & Curley, M.A.Q. (2010). Small study finds 27.7% prevalence of pressure ulcers in paediatric hospitals in Switzerland, with many cases caused by external medical devices. *Evid Based Nurs,* *13*(2), 58. (PMID: 20436156)

Kohr, L.M., & Curley, M.A.Q. (2010). Unplanned extubation – Adequate, then best practice. *Pediatr Crit Care Med, 11*(2), 312-313. (PMID: 20216183)

Curley, M.A.Q. (2008). Ask and they will tell. *Pediatr Crit Care Med*, 9(3), 336-337. (PMID: 18446099).

Curley, M.A.Q. (2005). The context to better understand quality care. *Pediatr Crit Care Med*, *6*(3), 367-368. (PMID: 15880007)

Curley, M.A.Q. (2004). Beyond Nightingale: The science of contemporary nursing. *Australian Critical Care, 17*(3), 96-97. (PMID: 15493855)

Curley, M.A.Q., & Zimmerman, J.J. (2003). Highlights of the 4th world congress on pediatric intensive care. *Pediatr Crit Care Med, 4*(4), 409-411. (PMID: 14525633)

Curley, M.A.Q. (2002). Experienced Nurses + autonomy = better patient outcomes. *Pediatr Crit Care Med, 3*(4), 385-386. (PMID: 12813320)

**Other publications**

Barbaro RP, Thiagarajan RR, Wypij D, Curley MAQ. (2018) A call to close the ECMO research gap in children. *Am J Respir Crit Care Med*. 198(3):409-410.

Best, K.M., Wypij, D., Asaro, L.A. Curley, M.A.Q. (2017) Reply: Contextualizing iatrogenic withdrawal syndrome and delirium in pediatric critical care. *Crit Care Med.* 45(6), e623-e624. (doi: 10.1097/CCM.0000000000002417)

Solodiuk J and Curley MAQ. (2017) In defense of routine inpatient pass assessment; Getting rid of the fifth vital sign won't solve the opioid abuse crisis. *American Journal of Nursing*, 117(5), 11. (PMID: 28448346)

Faustino, E.V.S., Gedeit, R., Schwarz, A.J., Asaro, L.A., Wypij, D.. Curley, M.A.Q (2017) Reply: Extubation Readiness Tests on Pediatric Critical Care Setting: Questions still

unanswered? *Crit Care Med, 45(3), e333-334.* (PMID: 28212236)

Bateman ST, Borasino S, Asaro LA, Cheifetz IM, Diane S, Wypij D, Curley MAQ for the RESTORE Study Investigators. (2016). Reply: It Is Too Early to Say No Place for High-Frequency Oscillatory Ventilation in Children with Respiratory Failure. *Am J Respir Crit Care Med*, 194(4), 522. (PMID: 27525465)

Bateman ST, Borasino S, Asaro LA, Cheifetz IM, Diane S, Wypij D, Curley MAQ for the RESTORE Study Investigators. (2016). "Reply: Do We Really Know How to Use High-Frequency Oscillatory Ventilation in Critically Ill Children?" *Am J Respir Crit Care Med,* *193*(9), 1068-1069. (PMID: 27128709)

Curley, M.A.Q. and Meyer, E.C. (2016). Upholding Family-Centered Care in the Face of High-Consequence Pathogens - Thinking INside the Room. JAMA Pediatr. 2016;170(3):298-299. (PMID: 26810153)

Curley, M.A.Q., Wypij, D., and Matthay, M. A. (2015). Sedation Protocol for Critically Ill Pediatric Patients. [Reply]. *JAMA, 313*(17), 1754-1755. (PMID: 25942731)

Thomas, N.j., Willson, D.F., Jouvet, P. for the Pediatric Acute Lung Injury Consensus Conference Group. (2015). Letter in response to Munoz et al. Pediatr Crit Care Med. 16(6), 603-604. (PMID: 26154912)

Franck, L.S., and Curley, M.A.Q. (2014) Measurement of iatrogenically induced opioid withdrawal in pediatric patients using validated scales. *Pediatrics*. eLetter March 26

Murray, J.S., Quigley, S., Curley, M.A.Q. (2014). Letter to the Editor [re Leonard, P., Hill, A., Moon, K., Lima, S. (in press) Pediatric pressure injuries: does modifying a tool alter the risk assessment outcome?]. *Issues Compr Pediatr Nurs;* 37(3):195-197 (PMID: 24914803)

Murray, J.S., Quigley, S., Curley, M.A.Q. (2014). Letter to the Editor [re Schlüer, A.B., Schols, J.M. & Halfens, R.J. (2014). Risk and associated factors of pressure ulcers in hospitalized children over 1 year of age.]. *J Spec Pediatr Nurs, 19*(2):105-106. (PMID: 24612439)

Lebet, R., Fineman, L.D., Faustino, E.V.S., Curley, M.A.Q. (2013). Asking parents’ permission to enroll their child into a clinical trial – Best practices. Invited Commentary. *Am J Crit Care*, *22*(4), 351-356. (PMID: 23817825)

Nakagawa, T.A., Rigby, M.R., Bratton, S. et al. (2011) A call for full public disclosure for donation after circulatory determination of death in children.  *Pediatr Crit Care Med*, *12* (3), 375-377. (PMID: 21637157)

Curley, M. A. Q., Urion, D. K., Vesel, T., Harrison, C. H., Laussen, P. C. (2007). When is dead— dead? [Reply]. *Pediatr Crit Care Med*, *8*(5), 507-509. (doi: 10.1097/01.PCC.0000282852.49074.5C)

Curley, M.A.Q. (2004). Synergy: From theory to practice. Synergy: Continued. Origins of Synergy. In M. A. Q. Curley (Ed.), The State of Synergy. *Excellence in Nursing Knowledge*, *1*(1). [electronic journal]

Curley, M.A.Q., Hibberd, P. L., Barr, F. E., Cvijanovich, N. Z., Matthay, M. A., & Arnold, J. H. (2005). Prone positioning in children with acute lung injury [Reply]. *JAMA, 294*, 2297-2298. (PMID: 16278352)

Curley, M.A. (1996). The Synergy Model of certified practice: creating safe passage for patients. [Interview by Michael Villaire]. *Crit Care Nurse, 16*(4), 94-99. (PMID: 8852250)

**Audio-visual Productions**

Gee, S., Curley, M.A.Q., Protocolized Sedation versus Usual Care in Pediatric Patients Mechanically Ventilated for Acute Respiratory Failure: A Randomized Clinical Trial; [Webinar]. American Thoracic Society. Assembly on Critical Care Journal Club. April 21, 2015

Curley, M.A.Q. (2015). 44th Critical Care Congress: RESTORE Study. [Pod cast]. iCritical Care. SCCM Pod-264.

Curley, M.A.Q. (2007). *Organ donation after cardiac death - Part 2* SCCM. [Pod cast]. iCritical Care. SCCM Pod-88.

Curley, M.A.Q. (2007). *Facilitating parent presence during a child’s invasive procedure and/or resuscitation.* [DVD]. Boston, MA: Fanlight Productions.

Curley, M.A.Q. (2006). *Assessing sedation levels of mechanically ventilated pediatric patients* [Pod cast]. iCritical Care. SCCM Pod-26.

Curley, M.A.Q. (2005). *Preventing ventilator-associated pneumonia*. IHI 100K Lives Pediatric Node Summer Webcast Series; Child Health Corporation of America (CHCA), the National Association of Children’s Hospitals and Related Institutions (NACHRI), and National Initiative for Children's Healthcare Quality (NICHQ) [audio].

Curley, M.A.Q. (1989). *Caring for parents of critically ill children* [videocassette]. New York, NY: American Journal of Nursing.

Curley, M.A.Q. (1989). *Red flags in the critically unstable pediatric patient* [videocassette]. New York, NY: American Journal of Nursing.

**CONSULTATION: RESEARCH/EDUCATIONAL**

2016 Pediatric Intensive Care Ministry of Health, Singapore

2015 Subject Matter Expert – SBS Hospira

2014 Subject Matter Expert – WAT-1 Bracket/AstraZeneca

2013- Associate Faculty member CRISMA and CRISMAkids

(Clinical Research, Investigation, and Systems

Modeling of Acute illness)

University of Pittsburgh

Department of Critical Care Medicine

2013 Synergy Model Dana Farber Cancer Institute, Boston, MA

2011-2012 Synergy Model Harris County Hospital District, Houston, TX

2007-2009 Inhalational Anesthetics/Sedation Ad Hoc Study Group

2007-2009 Synergy Model Dana Farber Cancer Institute, Boston, MA

2007 Synergy Model Children’s Hospital Wisconsin, Milwaukee, WI

2005 Professional Advancement Program Mercy Hospital, Miami, FL

2004 Models of Care Children's Medical Center of Dallas, TX

2004 Models of Care Acibadem Healthcare Group, Istanbul, Turkey

Harvard Medical International

2002 Pediatric Standards of Care Doernbecher Children’s Hospital,

Portland, OR

2001-2003 Synergy Model Clarian Healthcare System,

Indianapolis, IN

2002 Synergy Model San Diego Children’s Hospital, CA

2000 Pediatric Critical Care Miami Children’s Hospital, FL

1999 Pediatric Intensive Care Royal Children’s Hospital

University of Melbourne

Monash University

Melbourne, Australia

1999 Models of Care Delivery Doernbecher Children’s Hospital,

Portland, OR

1998 Pediatric Intensive Care Ministry of Health, Singapore

1998 Family-Centered-Care Lucile Packard Children’s at UCSF. San Francisco, CA

1998 Family-Centered-Care San Diego Children’s Hospital, CA

1997 Pediatric Critical Care Hospital for Sick Children, Toronto, Ontario

1997 PICU Clinical Research Children’s Memorial Hospital,

Chicago, IL

1996 Family-Centered-Care Children’s Hospital of Wisconsin, Milwaukee, WI

1993 Pediatric Critical Care Children’s Hospital, Oakland, CA

**RECENT LECTURES**

##### International Invited Lectures (past 12 years)

2019 *Involve the Family- Relationships that Sustain Patients, Families (and Nurses); Too Sick to be in the ICU? Toxic or Healing Environments;* Critical Care Canada Forum, Toronto, Canada (November)

2019 *Paediatric Critical Care Research*, University of Tasmania’s Hobart, Australia (October)

2019 *Building a programme of research, Prone positioning in severe P/ARDS, Clinical trials in pARDS,* World Congress of Intensive Care, Melbourne, Australia (October)

2019 Surviving pediatric critical illness; Opportunities to improve long-term 0utcomes; Marion Barrett Lecture 2019; University of Melbourne, AU (October)

2019 *Reducing research waste: making pediatric studies more efficient; Developing yourself as a researcher and your program of research;* 4th International multidisciplinary pediatric and neonatal acute and critical care research summer school Bristol, United Kingdom (July)

2018 *Innovative Trial Designs – It’s all about efficiency and precision*. *How to build a research program?* *Optimize Sedation - Minimize Mechanical Ventilation*; 9th Congress of the World Federation of Pediatric Intensive & Critical Care Societies. Singapore (June, 2018)

2017 *Opening Plenary: Moving your research career forward*. *Small grants, big grants:*

*Show me the money!*3rd International Multidisciplinary Paediatric & Neonatal Acute and Critical Care Research School. Rome, Italy (October)

2017 *Opening Plenary: Weaning sedation and delirium; The art and science of paediatric critical care rehab and outcomes: where have we come from and where should we be going?* (Surviving Paediatric Critical Care Preconference). 2017 Annual Meeting of the Paediatric Intensive Care Society, Nottingham, UK (October)

2017 *Pathway Outcomes: Do they really improve care?* World Congress of Pediatric Cardiology and Cardiac Surgery 2017. Barcelona, Spain (July)

2016 *Embedding the Science in PICU/NICU Nursing; Sedation Protocols in Children with Acute Respiratory Failure*. EAPS: European Academy of Paediatric Societies. Geneva, Switzerland (October)

2016 *Sedation and the ICU Environment* (Plenary); *Life After Critical Illness – State of the Science and Future Directions* (Convener: Preconference workshop); *Specific Aims: The basis for any grant proposal* (Preconference workshop: First Steps in a Clinical Research Career); *Challenges of Establishing and Funding clinical trial* (Parallel session). 8th World Congress on Pediatric Intensive and Critical Care. Toronto, CA (June)

2016 *Team Science - complex clinical problems require interprofessional investigation; Presence during a child´s invasive procedure or resuscitation; Managing comfort   
in the pediatric patient; Improving the ICU environment*. 36th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium (March)

2016 *Measure to improve Nursing Care Across a Healthcare System*. CHUV L’Institut universitaire de formation et de recherche en soins – IUFRS; Lausanne, Switzerland (January)

2016 *Team Science: Creating a “dream team” for research; Protocol and grant writing;* 2nd International Multidisciplinary Paediatric and Neonatal Acute and Critical Care Research School. Lausanne, Switzerland (January)

2015 *Toxic or Healing Intensive Care Environments?* (Plenary); *Leading Change-Science Supporting the Future of Paediatric Nursing Practice; Synergy: The Unique Relationship between Nurses and Families in the PICU; RESTORE – Nurse Implemented Goal –Directed Sedation in Paediatric Patients on Mechanical Ventilation; Parents' Right to Dictate Treatment* (Panel Discussion); ANZICs 40th annual meeting, Auckland, NZ (Oct)

2015 Subject Matter Expert meeting, Hospira. *State Behavioral Scale*. Osaka, Japan (August)

2015 Anna Reynvaan Lecture; *Involve the family: Relationships that sustain patients, families and nurses*. Amsterdam, Netherlands (May)

2015 American Thoracic Society, 2015 International Conference; *Pediatric ARDS Symposium,* *Nonpulmonary therapies*. Denver, CO, USA (May)

2014 Invited Distinguished Scholar, 1st International and multidisciplinary children’s critical care research summer school, *Designing your program of research; The art of argument: How to ‘sell’ your research; How to write successful research grants; Evaluating scoring tools;* The University of Central Lancashire, Preston, UK (August)

2014 25th International Nursing Research Congress, Sigma Theta Tau International Honor Society for Nursing. Special Session: *Science supporting the practice of acute/critical care nursing.* Hong Kong, China (July)

2014 Naloxegol Pediatric trail Principal Investigator meeting, Bracket/AstraZeneca. *Withdrawal Assessment Tool – Version 1*. Barcelona, Spain (June)

2014 12th European Conference of Pediatric and Neonatal Ventilation. Preconference: *RESTORE – Nurse-implemented Goal-directed Sedation in pediatric patients supported on mechanical ventilation;* Breakout: *Prone positioning in ARDS: Update and future research questions.* Montreux, Switzerland (May)

2014 7th World Congress on Pediatric Intensive and Critical Care, Preconference: *WFPICCS Clinical Science Supporting the Practice of Pediatric Critical Care Nursing,* Breakout: *Sedation and comfort issues in the ventilated infant and child, Prone positioning: Why, how, and does it work?* Evidence-Based Practice: Myths, dreams or actual reality, Istanbul, Turkey, (May)

2013 *How to introduce changes in a pediatric hospital to promote the presence of parents in invasive procedures and CPR* (by teleconference). Avedis Donabedian Research Institute. Autonomous University of Barcelona, Spain (November)

2013 *Using the Braden Q Scale to Predict Pressure Ulcer Risk in Pediatric Patients* (by teleconference). APTFeridas Congress 2013-15º Anniversary. Porto, Portugal (November)

2013 Breakout: *How to hook a study onto the back of a clinical trial; Preventing pressure ulcers in the NICU/PICU- Aare we getting anywhere? Paediatric staff perspectives on organ donation following cardiac death.* 24th Annual Meeting of the European Society of Paediatric and Neonatal Intensive Care (ESPNIC), Rotterdam, Netherlands (June)

2013 Breakout: *Nursing Year in Review: Pediatric Critical Care*. American Thoracic Society, Philadelphia, PA (May)

2012 Breakout: *Maintaining Skin Integrity; Nursing Quality Metrics.* Critical Care Canada Form, Toronto, CA (October)

2012 Plenary: *Nursing’s innovative contributions to the evolution of pediatric critical care*; *Innovations in the critical care of children with Acute Respiratory Distress Syndrome*; *Translational research and nursing care innovation*. 3rd International Symposium of Pediatric and Neonatal Critical Care Nursing. Federal University of São Paulo, Brazil (October)

2012 Plenary: *Challenges to conducting multicenter clinical research*; *Assessing pain and sedation critically ill infants and children*. World Federation of Critical Care Nurses. Sibenik, Croatia (April)

2011 Plenary: *The Braden Q Today;* Education Course: *The risk on the modern era: Clinical evidence* (with Sandy Quigley). 1st ISPEW International Symposium on Pediatric Wound Care. Rome, Italy (October)

2011 *Opening Nursing Debate: Intensive Care is an Art; not a* Science (con); *Sedation in children with Brain Injury* (expert panel). 6th World Congress in Pediatric Critical Care; Sydney, Australia (March)

2009 *Mentorship: Developing clinical leaders in critical care.* 6th Annual Congress of the World Federation of Critical Care Nurses, Florence, Italy (August)

2009 *Begin with the End in Mind –Nurse sensitive quality outcomes* *(Keynote);* 4th International Congress on Innovations in Nursing 2009, Perth, Australia (May)

2009 *The RESTORE clinical trial: Pain & sedation in paediatrics (Plenary); Parent presence during procedures and resuscitation; Protocols to optimize sedation in infants and children.* Cardiology in the Young 2009. Great Ormond Street Hospital for Children NHS Trust and UCL Institute of Child Health, London, England (April)

2008 *Pressure ulcers in newborns: The Nurse Researcher point of view; (Plenary);* *Where, when and how to prevent skin lesions in children admitted to the ICU (preconference symposium)*. AISLeC: EBP E Wound Care, Nuove Frontiere; Naples, Italy (November)

2007 *Data that supports nursing practice in pediatric critical care; Challenges in setting up   
a multicenter study; Nightingale metrics: Measuring nursing care that impacts patient outcomes; Simulation education: Facilitating parent presence at the bedside; Site selection in multisite clinical trials*. 5th World Congress in Pediatric Intensive Care. Geneva, Switzerland. (June)

2006 *Pediatric and neonatal critical care nursing: Advances and challenges; Family centered care – USA state of the art; Nursing care of children with ALI; Prone positioning children with ALI; Nursing acute interventions in shock; Pain and sedation assessment in PICU; Synergy Model of Care; Research in nursing practice.* 1st International Symposium of Pediatric and Neonatal Critical Care Nursing. Sao Paulo, Brazil (June)

2005 *“Ventilator Bundle” practices that limit iatrogenic injury: State Behavioral Scale (SBS) instrument development; Nurse-implemented pain and sedation Algorithm*. 15th Annual Meeting of the European Society of Pediatric and Neonatal Intensive Care (ESPNIC). Antwerp, Belgium (September)

2004 *Utilizing clinical nursing research to promote evidence-based nursing practice*. First International Nursing Management Symposium, Shanghai, China (November)

2004 *Practice guideline, Enteral nutritional support; Assessment of pain and agitation in the CV surgical patient; Hazards of immobility: Predicting and preventing pressure ulcers.* Professional advancement of pediatric cardiac surgical nurses; Shanghai Children’s Medical Center, China (November)

2004 *The Synergy Model*. Acibadem Healthcare Group and Harvard Medical International. *Developing expertise in clinical inquiry.* International Nurses Day Celebration. Sponsored by Acibadem Healthcare Group and Harvard Medical International. Istanbul, Turkey (May)

##### National Invited Lectures (past 10 years)

2019 *Lessons Learned From Special Issues in Pediatric Critical Care Trials;* American Thoracic Society, Dallas, Tx (May)

2019 Controversies in Pediatric ARDS: Prone Positioning; Outcomes and Opportunities   
in the Pediatric ICU: Functional and Neurodevelopmental Outcomes in Survivors. Society of Critical Care Medicine, San Diego, CA (February)

2018 *Pediatric Patients on Mechanical Ventilation - Targeted Symptom Management* (Breakout session); American Thoracic Society, San Diego, CA (May)

2017 *Pediatric Year in Review: Clinical; Integrating Practices to Promote a Healing Environment in the Pediatric ICU*. Society of Critical Care Medicine, Honolulu, Hawaii (January)

2016 *What's the Evidence? Can Multi-Institutional Clinical Trials Provide the Answer*? The 23rd Pediatric Critical Care Colloquium: Foundations and Innovations, NY, NY (November)

2016 *The Art of Argument Grant Application Page I; Clinical Research Pathway from Fellow to R01*. PALISI Fellow / Junior Investigator Course; Washington, DC (September)

2016 *Managing Comfort in the PICU: Does Comfort Come at the Expense of Withdrawal or Delirium?* Society of Critical Care Medicine, Orlando, FL (February)

2015 *Pediatric Critical Care Research: From Early Beginnings to New Horizons* (Panel). Advancing Pediatric Trauma and Critical Illness Research: Building the Field – Advancing the Science; Pediatric Trauma and Critical Care Branch; NICHD, Bethesda, MD (December)

2015 *Toxic or healing PICU environments?* Connect-Share-Impact Critical Care Nursing Summit. Boston, MA (September)

2015 *What’s new with sedation? How results from the RESTORE trial impact ECMO patients*. (Plenary). 26th Annual ELSO Conference, Atlanta, GA (September)

2015 *Team Science: Answering Complex Clinical Questions Together.* National Pediatric Nursing Scientist Collaborative, Pediatric Nursing Research Fly-In held at Lurie Children's, Chicago, IL (June)

2015 *What if there were no research dollars?**Central IRB for multi-center trials. Managing comfort in the critically ill pediatric patient.* Simultaneous presentation/publication: *Protocolized sedation vs usual care in pediatric patients mechanically ventilated for acute respiratory failure: A randomized clinical trial*; Society of Critical Care Medicine 44th Congress; Phoenix, AZ. (January)

2014 *Specific Aims: the Art of Argument; How to Write Successful Research Grants.*  PALISI Fellow Course: Launching Your Clinical Research Career; Montreal, Canada (October)

2014 *Prone Positioning Revisited; Sedation Management of the Ventilated Patient;* 12th Optimizing Mechanical Ventilation for Infants and Children Conference; The Duke University School of Medicine, Durham, NC. (March)

2014 *Year in Review: Pediatrics.* *Current Clinical Research.* Society of Critical Care Medicine. Congress. San Francisco, CA (January)

2013 *Leading Change-Science Supporting the Future of Nursing Practice.* 20th Pediatric Critical Care Colloquium, Washington, DC (November)

2013 *Specific Aims: The Basis for Any Grant Proposal*. PALISI Fellow Course: Launching Your Clinical Research Career; New Orleans, LA (October)

2013 *Parental Presence during Invasive Procedures and Resuscitation (plenary); Nurse-Sensitive Outcomes: Examples from the Boston Nightingale Metrics Project; Opiate and Benzodiazepam Exposures in the NICU: Monitoring Infants for Iatrogenic Withdrawal Syndrome Using the New Withdrawal Assessment Tool (WAT-1).* 2013 Neonatal Advanced Practice Nursing Forum, Washington, DC (May)

2013 *Research in Pediatric Critical Care - Why Is It So Difficult?* Invited Lecture, PALISI 2013, Snowbird, UT (March)

2013 *The Nature of Critical Care Nursing Science;* *Secrets of Successful Research: How the Experts Do It? Interprofessional Collaborative Research; Developing an Idea into a Research Submission; How Do I Do Clinical Research on a Shoestring Budget.* SCCM's 2013 Critical Care Congress, San Juan, Puerto Rico (January)

2012 *Shifting Paradigms: Pain & Sedation Management in the PCICU; Hiring new graduates in PCICU – It matters (Pro)*. The Pediatric Cardiac Intensive Care Society, 9th annual meeting, Miami Beach, FL (December)

2012 *Specific Aims: The Basis for Any Grant Proposal*. PALISI Fellow Course: Launching Your Clinical Research Career; Chicago, IL (September)

2012 *Distinguished Research Lecture 2012: Together, Stronger, Bolder Clinical Research. Clinical judgment; Clinical inquiry, CCNS review course; Caring and ethical practice, Pediatric CCRN Review course.* 2012 National Teaching Institute, Orlando, FL (May)

2012 *Novel Approaches to the Nursing Management of the Child with Acute Lung Injury; Research and the Advanced Practice Nurse, Building Measures to Illuminate Your Practice and Securing Funding* (with Marilyn Hravnak PhD, RN). Society of Critical Care Medicine’s 41st Critical Care Conference, Houston, TX (January)

2011 Scientific Speaker: *RESTORE – multisite clinical trial testing nurse-implemented goal-directed sedation in pediatric critical care.* National Institute of Nursing Research 25th Anniversery Concluding Symposium, Bringing Science to Life A Healthier Tomorrow, Washington, DC (October)

2011 *Clinical judgment; Clinical inquiry,* CCNS review course*;* 2011 National Teaching Institute, Chicago, IL. (May)

2011 *About the Synergy Model – Situating the Practice of Nursing within Healthcare Organizations*. Professional Practice Models, Baylor Healthcare System, Dallas Tx (March)

2010 *Respiratory Research - Why is it so Difficult?* 47th RESPIRATORY CARE Journal Conference on Neonatal and Pediatric Respiratory Care: What Does the Future Hold?

Scottsdale, Az. (November)

2010 *Clinical judgment; Clinical inquiry,* CCNS review course*;* 2010 National Teaching Institute, New Orleans, LA. (May)

2010 *Clinical inquiry, not for the faint of heart (Plenary);* Society of Critical Care Medicine’s 39th Critical Care Conference, Miami, FL; *Intensive insulin therapy, Impact on nursing*

*workload.* Post Conference on Hyperglycemia and Critical Illness. Key West, FL (January)

2009 *Clinical judgment; Clinical inquiry,* CCNS review course*; The caring and ethical practice,* Pediatric CCRN Review course.2009 National Teaching Institute, New Orleans, LA. (May)

2009 *Debate – Government mandated nurse patient ratios are necessary for good patient care; Parent presence during invasive procedures and resuscitation; Nightingale metrics: How can we measure and improve nursing across a cardiovascular program?* Cardiology 2009, 12th Annual Update on Pediatric Cardiovascular Disease; Children’s Hospital of Philadelphia, Nassau, Bahamas. (February)

2008 *Begin with the end in mind…Quality outcomes in pediatric critical care; Sedation assessment in critically ill infants and children - The State Behavioral Scale*. Eliza Fernie Critical Care Symposium; Denver Children’s Hospital, Denver, CO (January)

2008 *Awake and comfortable, best practices in ICU sedation.* 37th Critical Care Congress, Society of Critical Care Medicine Congress. Honolulu, HI (January)

2008 *Nursing research, using quality of life assessments. Pediatric staff perspectives on organ donation after cardiac death in children.* Cardiology 2008, 11th Annual Update on Pediatric Cardiovascular Disease; Children’s Hospital of Philadelphia, Scottsdale, AZ. (February)

2008 *Begin with the end in mind…Quality outcomes in pediatric critical care; Implementing clinical practice guidelines – sepsis panel;* Phoenix Children's Hospital, Phoenix, AZ (April)

2008 *Clinical judgment; Clinical inquiry.* CCNS review course. 2008 National Teaching Institute, Chicago, IL (May)

2008 *Prone Positioning – Is it really worth the risk? Protocols to optimize sedation for infants and children*. 54th American Association for Respiratory Care International Conference, Anaheim, CA. (December)

2007 *Sedation and mechanical ventilation; Pro: Open visiting hours in the ICU; Implementing protocols in the PICU;* 36th Critical Care Congress, Society of Critical Care Medicine Congress. Orlando, FL. (February)

2007 *Of legends and legacy: What we learn from our mentors; Experienced nurses + autonomy = improved patient outcomes.* Cardiology 2007, 10th Annual Update on Pediatric Cardiovascular Disease; Children’s Hospital of Philadelphia, Lake Buena Vista, FL (February)

2007 *Leading the way, using the Synergy Model to achieve stellar results.* 5th Annual Leadership Excellence: Management Solutions for Neonatal, Obstetric and Pediatric Nursing,Contemporary Forums, New Orleans, LA (March)

2006 *Pediatric acute lung injury: Results of therapeutic trials and future directions.* Plenary Chair and Speaker: *Prone positioning in the pediatric ICU: Where are we?* Pediatric Academic Society, San Francisco, CA (April)

2006*A randomized trial of prone positioning for acute lung injury in children. Clinical studies in pediatric ICU.* American Thoracic Society, San Diego, CA (May)

2006 *The pragmatics of conducting multisite clinical trials in critical care; Technology - New solutions for old problems*. 2006 National Congress on the State of the Science in Nursing Research: Improving Life: Development and Dissemination of Nursing Innovation. Washington, DC (October)

##### Regional Invited Lectures (past 5 years)

2019 *Creating Healing ICU Environments: Are we there yet?* 74th Annual Meeting of the Massachusetts Pulmonary Section, Newton, MA (April).

2018 *Reflections on the Synergy Model: Transcending Clinical Practice, Education and Research* (plenary*); Owning Your Nursing Practice* (plenary)*;* Children’s Hospital of Alabama, Birmingham, AL (April)

2016 *Team Science: Answering Complex Clinical Questions Together*; Cincinnati Children’s Hospital. (February)

2015 *Protocolized Sedation vs Usual Care in Pediatric Patients Mechanically Ventilated for Acute Respiratory Failure: A Randomized Clinical Trial*. Children’s Hospital at Dartmouth. (Oct)

2014 Keynote*: Leading change - Science supporting the future of nursing practice. Reflections on 15 Years of Synergy Transcending Practice and Education to Clinical Research.* Berks Regional Nursing Research Alliance 5th Annual Nursing Research and Evidence-based Best Practice Symposium. (Oct)

2014 Keynote: *Leading change - Science supporting the future of nursing practice.* Beta Zeta Chapter, Scholarship Day, Keynote, Holyoke, MA (April)

2013 Keynote: *Leading change - Science supporting the future of nursing practice.*  25th Annual Scientific Sessions: Nursing Research: A Bridge to the Future of Healthcare

Eastern Nursing Research Society (ENRS); Opening Keynote: Boston, MA (April)

2013 *Owning Your Nursing Practice: Making a Difference for Patient’s & Families* (Keynote);  *Assessing Pain, Agitation, and Withdrawal in the Critically Ill Patient (breakout)*. Jill Davis Critical Care Nursing Conference, Minneapolis, MN (April)

2012 *Clinical Research, My Story and I’m Sticking With It! Reflections on 15 Years of Synergy: Transcending Practice and Education to Clinical Research*; 7th Annual Nursing Research Conference, Christiana Hospital, Wilmington, DE (Nov)

2012 *Nightingale 2012: Knowing, describing and measuring how nurses make a difference.* 2nd Annual Orlando Health Lecture. University of Central Florida, Orlando, FL (October)

2012 *Building on the Legacy of Florence Nightingale: How Nurses put the Patient in the*

*Best Condition for Nature to Act*. The 4th Annual Nursing Research Conference: Innovations in Nursing Research. Long Beach Memorial Medical Center, CA (May)

2010 *Design and conduct of the RESTORE clinical trial.* 3rd Annual Ron Lemire NW Symposium on Contemporary Pediatric Critical Care: Alleviation of Pain and Anxiety; Seattle Children’s Hospital, Seattle, WA (August)

2009 *Good death and a new beginning. ACCCN, ACCYPN, Princes Margaret Hospital;* Perth, Australia (May)

**Hospital-Based Grand Rounds/University Invited** **Lectures (**past 5 years)

2018 *Reflections on the Synergy Model, Owning Your Nursing Practice, Pressure Injury Risk Assessment*. Children’s Hospital Alabama, Birmingham (April)

2017 *Parental Presence in the OR, Procedures and Resuscitation; Healing or Toxic Environments and Nurse Led Therapies;* 2017 Pediatric Nursing Conference, Cohen Children’s Hospital (November)

2017 *Pressure Injury Risk Assessment in Infants and Children: The Braden Q and new Braden QD Scale*. Children’s National Medical Center, DC (November)

2017 *Team Science: Answering complex clinical questions together*. *Toxic or Healing PICU Environment.* Texas Children’s Hospital, Houston, TX (September)

2017 *Team Science: Answering complex clinical questions together*. Critical Care Services, Cedar Sinai Hospital, LA (August)

2017 *Managing Sedation in Critically-ill Infants and Children: the RESTORE clinical trial*. Mattel Children’s Hospital UCLA (February)

2016 *Managing Comfort in Critically-ill Children: the RESTORE Clinical Trial.* Sinai Hospital of Baltimore, MD. (December)

2016 *Nurse-implemented Goal-directed Sedation in Critically Ill Children: The RESTORE Clinical Trial*. Children’s Hospital Of Wisconsin, Milwaukee, IL (October)

2016 *Managing Sedation in Critically-ill Infants and Children: the RESTORE Clinical Trial.* Grand Rounds. Children’s Hospital & Medical Center, Omaha, Nebraska. (September)

2016 *Protocolized Sedation vs Usual Care in Pediatric Patients Mechanically Ventilated for Acute Respiratory Failure: A Randomized Clinical Trial.* Grand Rounds. UCSF Benioff Children's Hospital. (May)

2016 *Comfort management in critically-ill pediatric patients*. Department of Pediatrics Grand Rounds. University of Chicago and Comer Children’s Hospital. (April)

2015 *Protocolized Sedation vs Usual Care in Pediatric Patients Mechanically Ventilated for Acute Respiratory Failure: A Randomized Clinical Trial.* Boston’s Children’s Hospital, Nursing Grand Rounds. (June)

2014 *Comfort management in critically-ill pediatric patients*. University of Michigan, Pediatric critical care medicine. (November)

2013 Responsible Conduct of Research (RCR) *Collaboration* with Eileen Lake. Office of Nursing Research, PENN Nursing. (November).

2013 *The Perfect Storm - Exponential Change in the Practice of Nursing*. Virginia Mason Medical Center, Seattle, WA (April).

2013 *Nursing’s innovative contributions to the evolution of pediatric critical care*. Massachusetts General Hospital, Boston, MA (January)

2012 *Clinical Inquiry, Answering Your Research Question*. Miller Children's Hospital Long Beach, CA (May)

2011 *About the Synergy Model - Situating the Practice of Nursing within Healthcare Organization.* Group Health, Seattle, WA (October)

2011 *Pediatric Critical Care Research, Not for the Faint of Heart;* Pediatric Grand Rounds;

*Synergy: The Unique Relationship between Nurses and Patients,* Special Nursing Grand Rounds. Dartmouth-Hitchcock Medical Center. Lebanon, NH (October)

**CONFERENCE ORGANIZING ROLES**

World Federation of Societies of Intensive and Critical Care Medicine

2013-2014 Member Scientific Committee (Pulmonary)

2008-2009 Member Scientific Committee (Nursing)

World Federation of Pediatric Intensive and Critical Care Societies

2018-2020 Member Scientific Committee - 10th World Congress

2016-2018 Member Scientific Committee - 9th World Congress

2000-2003 Co-Chair Scientific Committee - 4th World Congress

**MEMBERSHIPS IN PROFESSIONAL & SCIENTIFIC SOCIETIES**

2000-present American Thoracic Society

1998-present American Academy of Nursing

1996-present Eastern Nursing Research Society

1991-present Society of Critical Care Medicine

1990-present Society of Pediatric Nurses

1985-present Sigma Theta Tau -Delta Mu and Beta Zeta

1983-present American Nurses Association

1981-present American Association of Critical Care Nurses

**SELECTED PROFESSIONAL ACTIVITIES**

**Editorial Boards**

2014-present ad hoc reviewer *Critical Care Medicine*

2007-present Associate Editor *Pediatric Critical Care Medicine*

2005-present Ad hoc Reviewer *Nursing Research*

2001-present Ad hoc Reviewer *Critical Care Medicine*

2000-2007 Member *Pediatric Critical Care Medicine*

1999-2000 Ad hoc Reviewer *Critical Care Nurse*

1999-present Member *Clinical Intensive Care*

1997-present Member *American Journal of Critical Care*

1996-1997 Ad hoc Reviewer *American Journal of Critical Care*

1995-2000 Ad hoc Reviewer *Journal of the Society of Pediatric Nurses*

1993-1995 Member *AACN Nursing Scan in Critical Care*

1992-1994 Member *AACN Clinical Issues in Critical Care Nursing*

1991-1994 Ad hoc Reviewer *American Journal of Maternal/Child Nursing*

**International Activities**

Pediatric Acute Lung Injury Consensus Conference (PALICC)

2012-2014 Content Expert: Non-Pulmonary Treatment

Birmingham Children’s Hospital’s Research Foundation, England

2012 Outside Grant Reviewer

ISPEW – International Society for Pediatric Wound Care

2011-2013 Member Advisory Committee

IPOKRaTES

2003-2008 Chair Nursing Section

**National Activities**

National Academy of Medicine

2017-present Member

National Institute of Health

2018 Participant Eunice Kennedy Shriver NICHD; NICHD Strategic Planning Working Group Meeting

2016 Participant NHLBI Implementation Science in Critical Care Workshop

2015 Participant Eunice Kennedy Shriver NICHD;

Pediatric Trauma and Critical Illness Branch

Pediatric Multiple Organ Dysfunction Syndrome

2014 Participant Eunice Kennedy Shriver NICHD;

Pediatric Trauma and Critical Illness Branch

Pediatric Critical Care Research Expert Panel

2014 Participant Eunice Kennedy Shriver NICHD;

Pediatric Trauma and Critical Illness Branch

Strategic Planning Meeting

2013-2017 Member NHLBI Clinical Trials Review Committee (CLTR)

2012 Temporary NHLBI Clinical Trials Review Committee (CLTR)

Member

2012 Member FDA: Clinical Development Programs for Sedation

Products: Public Workshop (May)

*ICU Sedation, Pediatric-Specific Issues*

2011 Temporary NHLBI Clinical Trials Review Committee (CLTR)

Member

2011 Member NIH Director’s New Innovator Applications Review

Committee

2009 Member NINR RC2/GO RFA Review Committee

2003 Member NICHD panel: Pulmonary Critical Care:

Pulmonary Processes and Informatics Solutions

American Thoracic Society

2016 Participant Critical Care Assembly Project Committee: Determining the

Outcome Measures for Assessment after Critical Illness

Pediatric Cardiac Intensive Care Society (PCICS)

2015

Member PCICS Research Committee

Institute of Medicine (IOM) Committee to Review the Clinical and Translational Science Awards Program (CTSA) at National Center for Advancing Translational Sciences (NCATS)

2013 Speaker Future Directions for Using CTSA Programs and Resources

Robert Wood Johnson Foundation Interdisciplinary Nursing Quality Research Initiative (INQRI) 2010 Full Proposal Reviewer

9/15/2010 Stakeholder Guest; 5th Annual Meeting

Multi-Society Strategic Planning Task Force for Critical Care Research

2010 Member Task Force

Society of Critical Care Medicine

2015-present Member THRIVE

2007-2015 Member Pediatric Sedation Guideline Committee

1999-2004 Member Guidelines and Levels of Care for PICU

Child Magazine

2006-2007 Member Hospital-based Measurement Advisory Board

Pediatric Acute Lung Injury and Sepsis Investigator Network (PALISI)

2015- Member Executive Committee

2004 Discussant International Forum on Sepsis

*Outcome measures for clinical trials.*

2003 Member Founding Steering Committee

Cerner Corporation

2003-2006 Member Critical Care Transformation Council

Sigma Theta Tau International

2002 Member Investing in Maternal Child Health:

Defining Nursing’s Contributions.

American Association of Critical Care Nursing

1997-1998 Member Certification Corporation: Strategic Think Tank

1997 Chair Certification Corporation Nomination Committee

1996 Chair Certification Corporation

1996 Chair Outcomes of Certified Practice Think Tank

1995-1997 Member Certification Corporation Subject Matter Expert

1995 Chair-Elect Certification Corporation

1994 Mentor Wyeth-Ayerst Nursing Fellows Reporter Program

1994 Participant Joint Work Group of ANA-AACN

Acute Care Nurse Practitioner

1993-1994 Member Certification Corporation Think Tank

1993-1994 Director Certification Corporation

1993 Participant Neonatal and Pediatric Strategic Thinking Meeting

1993 Member Pediatric CCRN Exam Cut Score Committee

1992 Member Pediatric CCRN Exam Development Committee

1991-1992 Member Item Writer Task Force, Pediatric CCRN Exam

1989-1990 Member Role Delineation Study Task Force

Society of Pediatric Nurses

1995-1996 Member Program Planning Committee

1994-1998 Member Advanced Practice Task Force

**Regional Committees**

Institute for Nursing Healthcare Leadership

2003-2011 Associate Research

2001-2006 Member Research Steering Committee

2000 Member International Leadership and Management

Curriculum Development

Boston Children's Hospital Center of Excellence for Quality Measurement

2013-2014 Member Scientific Advisory Board

**SERVICE ACTIVITIES (University of Pennsylvania)**

**University of Pennsylvania**

2013-2014 Chair Faculty Grievance Commission

2012 Member John Morgan Society

2012-2013 Chair-Elect Faculty Grievance Commission

2012-2013 Member Scholarly Commons Advisory Committee

2009-2010 Member Hearing Board for the Student Disciplinary System and

the Code of Academic Integrity

2009-2010 Member Senate Committee on Students and the Educational

Policy subcommittee

**School of Nursing Committees**

2016-2018 Member Faculty Search Committee

2015-2016 Chair Faculty Search Committee

2014-2016 Member Strategic Planning Research Subcommittee

2014-2017 Member PhD Curriculum Committee

2013-2015 Chair Personnel Committee

2013-2015 Chair Research Committee

2012-2014 Member Hillman Section Committee

2012-2013 Chair-Elect Personnel Committee

2012-2013 Chair-Elect Research Committee

2010-2011 Member Taskforce, Developing Data Systems

2009-2010 Member Advisory Taskforce for the Division Chair Search

2009 Member Search Committee; CHOP; Senior Vice President

Patient Services & Chief Nursing Officer

2008-2010 Co-Chair Undergraduate Curriculum Committee

2008-2010 Member Doctoral Curriculum Committee

2008-2012 Member Nurse Anesthesia Advisory Board

2007 Member Retreat planning committee

2007-2008 Member Undergraduate Curriculum Committee

2007-present Member Graduate Group in Nursing

**Living Independently for Elders** (LIFE)

2010-2013 Faculty Advisor

**CLINICAL AGENCY ACTIVITIES**

**Children’s Hospital Boston**

**Committee Activities**

# 2012-2017 Member Academy for Clinical Scholarship and Innovation in

# Pediatric Nursing

# 2006-2007 Member Senior Clinical Quality Committee

2005-2008 Member Donation after Cardiac Death Committee

2005-2007 Member Program for Patient Safety and Quality

Measurement Committee

2005-2007 Co-Chair Nursing Research Council

2004-2005 Chair Nursing Research Council

2004-2005 Manager Virtual Pediatric Intensive Care (PICU)

2003-2007 Member Core Metrics Committee

2003-2005 Member Data Collection and Auditing Committee

2003-2004 Member Magnet Application Committee

2002-2004 Member Nursing Research Council

2000-2002 Member Pain Standards Committee

2000-2002 Chair Nursing Research Council

2000-2003 Chair Core Metrics Committee

1999-2007 Member Professional Advancement Committee

1998-2001 Co-Chair Sedation Committee

1993-1997 Co-Chair Clinical Practice Guideline Committee

1990-1993 Co-Chair Cardiopulmonary Resuscitation Committee

**Children’s Hospital Philadelphia**

2009 Collaborator NICHD: Clinical Trials Cooperative

PI: Robert A. Berg, MD

Division Chief, Critical Care Medicine

**DOCTORAL DISSERTATION COMMITTEES AND POST DOCS MENTORED**

**International Dissertation Committees**

Jacqueline Jauncey-Cooke

*Optimising Paediatric Ventilation*

The University of Queensland, Brisbane, Australia

2012

Examiner

Sharon Bridget Kinney

*A study of a systems approach to reducing mortality and morbidity in a tertiary paediatric hospital.*

Melbourne School of Graduate Research, Melbourne, Australia

2008

Examiner

Fiona Maxton

*Absence is worse – Sharing and surviving the resuscitation – Parental presence during resuscitation of a child in PICU*

University of Western Sydney, Sydney, Australia

2005

Examiner

**National Dissertation Committees**

Lauren Sorce

*Impact of human milk on pediatric acute respiratory failure*

University of Chicago

F31 - Human Milk Feeding and Severity of Illness in Children with Respiratory Failure: Impact score 30

2012-2019

Member

Jean C. Solodiuk

*Pain assessment in nonverbal children with profound intellectual disability*

Boston College. Boston, MA

2009-2010

Member

Laura A Mylott

*Weaning patterns in mechanically ventilated patients with acute myocardial infarction*.

Boston College. Boston, MA

2000

Member

**University of Pennsylvania Dissertation Committees**

Ruth Lebet

*Defining the Difficult-to-Sedate Clinical Phenotype in Critically Ill Children*

2015-2017

Chair

Kaitlin Best

*Defining risk for iatrogenic withdrawal syndrome in critically ill children*

1F31NR015172-01

2014-2015

Chair

Elizabeth Froh

*Breastfeeding the Infant Born with a Congenital Diaphragmatic Hernia: A Grounded Theory Study*

2012-2014

Member

M. Melanie Lyons

*A putative novel treatment, TAT-HSP70, in a rodent model of Sepsis Induced Acute Respiratory Distress Syndrome: attenuating lung injury*, decreasing mortality and increasing locomotor activity

2009-2013

Member

Elaine Siow

*The Continuity of care index and patient outcomes in the Pediatric Intensive Care Unit (PICU)*

2009-2012

Chair

Sharon Irving

*Energy expenditure and growth in infants post cardiac surgery*

2009-2011

Member

Heather Tubbs Cooley

*The impact of nursing workforce organization on outcomes of hospitalized children*

2009-2010

Member

Desiree Fleck

*Correlates of Self-Care in Emerging Adults with Congenital Heart Disease: A Mixed-Methods Study*

2010

Reader

Danica Fulbright Sumpter

*The effects of parenting stress on growth and development in infants with congenital heart defects during the first year of life*

2008-2009

Member

**PhD Qualifying Exams**

Alicia Kachmar – Chair (10/16)

Boyden, Jackelyn Yu-Kui – Chair (9/16)

Ruth Lebet – Chair (11/14)

Kaitlin Best- Chair (7/13)

Lisa Kohr – Chair (11/09)

Lit Soo Ng (11/09)

Elaine Siow (11/08)

Melanie Lyons (10/08)

Ashley E. Darcy (9/08)

Sharon Irving (4/08)

**Pre-Docs Mentored**

Alicia Kachmar (Hillman Scholar)

Elizabeth Broden (Hillman Scholar)

F31 NR018104 (2018)

Caring for Actively Dying Children and their Parents in the Pediatric ICU: A Mixed Methods Study

Marion Leary

Laura Beth Cook

F31 NR018586 (2019)

Ohio State

Sleep Disruption and Delirium in Critically Ill Children

**Post Docs Mentored**

Mallory Perry, PhD, RN, CPN, CCRN

Postdoctoral Research Fellowship for Academic Diversity

Children’s Hospital of Philadelphi4

7/1/2019 – 6/30/22

K23 Mentored Research Career Development Award

Jennifer Lay Walter, MD

Improving Family Meetings in the Pediatric Cardiac Intensive Care Unit

Children’s Hospital of Philadelphia

01/19 – 12/23

K23 Mentored Research Career Development Award

Robinder G. Khemani, MD MsCI

Childrens Hospital Los Angeles

Dept. of Anesthesia and Critical Care Medicine

Consultant, multi-center trials

08/2012- 07/2017

K24 NR010244-01

PI: Mary Beth Happ, PhD, RN

Associate Professor, Acute/Tertiary Care Department

University of Pittsburgh School of Nursing

Symptom Management, Patient-Caregiver Communication, and Outcomes in ICU

04/01/07-03/31/10

**DNP Committees**

Kirsten A. Hickerson MSN, RN, CEN

*Enhancing the effectiveness of preceptors in pediatrics*

Johns Hopkins University, MD

2014-2015

Jennifer M. Cohen, RN, PCNS-BC, CNRN, CCRN

*Implementation of the State Behavioral Scale: Standardizing the sedation assessment of*

*mechanically ventilated infants and children*

University of San Francisco, CA

2011-2012

**MENTORED PROFESSIONALS**

Catherine C. McDonald, PhD, RN

Assistant Professor

University of Pennsylvania, School of Nursing

2014-present

Sharon Y Irving, PhD, MSN

Assistant Professor of Pediatric Nursing

University of Pennsylvania School of Nursing

2012-present

Sandra Staveski PhD, RN, CPNP-AC

Nurse Scientist, Heart Institute

Assistant Professor

University of Cincinnati, Department of Nursing

2015-2019

Bridgette Brawner, RN, PhD

Associate Professor

University of Pennsylvania School of Nursing

2012-2019

Peggy Doyle Settle RN, PhD

Nurse Scientist

Nursing Director Newborn Intensive Care Unit/Pediatric Transport Team

Massachusetts General Hospital

2012-2014