

ELIZABETH G. DAMATO

Associate Professor
Case Western Reserve University
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EDUCATION

DOCTOR OF PHILOSOPHY

Boston College, Chestnut Hill, MA 1998
Research Fellowship, School of Nursing 1993-1996

MASTER OF SCIENCE

University of Pennsylvania, Philadelphia, PA. 1985
Primary Care Clinician - Young Family Track
Perinatal Nursing - Post-MSN certificate 1987

BACHELOR OF SCIENCE

Vanderbilt University, Nashville, TN 1981
Summa Cum Laude, School of Nursing

CONTINUING EDUCATION

Case Western Reserve University School of Medicine 2015-2018
Neurological Anatomy ANAT 414
Histology & Ultrastructure (with microscopy laboratory) ANAT 412/413
Applied Neuroanatomy ANAT 560
Basic Oxygen & Physiologic Function PHOL 410
University Hospitals Cleveland Neurological Institute 2017
Clinical Neurophysiology
Kent State University 2017
Pharmacology for Advanced Practice Nursing NURS 60441
Children's Hospital Medical Center of Cincinnati 2002
Web-based Genetics Institute

ACADEMIC APPOINTMENTS

Case Western Reserve University, Cleveland, OH
Associate Professor, Nursing 8/2008-present; Tenured 2009
Associate Professor, Neurosciences 7/2015-present (Secondary appointment)
Faculty, Case Center for Imaging Research 3/2016-present
Assistant Professor, Nursing 7/2000-7/2008; Tenure Track
University of Pittsburgh, Bradford, PA
Assistant Professor, Nursing 9/1985-12/1986

LICENSURE

Ohio RN License: RN.288266
Ohio Certified Nurse Practitioner: APRN.CNP.05593

CERTIFICATION

2006-present	Pediatric Nurse Practitioner, Pediatric Nursing Certification Board Certification #20061967
1986-2006	Pediatric Nurse Practitioner, American Nurses' Credentialing Center Certification #097883

CLINICAL EXPERIENCE**Pediatric Nurse Practitioner**

Harvard Vanguard Medical Associates, Boston, MA; 9/1988-2/2000;
Coordinated care and discharge plans for high-risk infants who were members of a prepaid health plan. Liaison among the neonatology service, primary pediatricians, hospital, family, and community. Provided home visits to early discharge postpartum women and newborns.

Camp Tioga, Thompson, PA; Summer 2009; Provided primary care for approximately 400 overnight campers (ages 8-16) and staff.

HONORS AND AWARDS

2015	Nominee: Carl F. Wittke Award for Excellence in Undergraduate Teaching, Case Western Reserve University
2013	Distinguished Service Award, National Association of Neonatal Nurses
2011	Nominee: John S. Diekoff Award for Excellence in Graduate Mentoring, Case Western Reserve University
2009	Jessica Melton Perry Award for Distinguished Teaching in Disciplinary and Professional Writing, Case Western Reserve University
2007	Woman of Excellence in Research Award, Research Showcase, Case Western Reserve University
2003, 2004	Summer Research Fellowship, University of Pennsylvania
2003	Glennan Fellowship, Case Western Reserve University
1998	Staff Achievement Award, Harvard Vanguard Medical Associates
1993, 1992	Diamond Award, Harvard Community Health Plan
1981	Founder's Medalist for First Honors, Vanderbilt University

PROFESSIONAL ACTIVITIES**Manuscript Reviewer**

2015-present	<i>Sleep & Breathing</i>
2009-present	<i>Journal of Pediatric Nursing</i>
2007-present	<i>Research in Nursing & Health</i>
2002-present	<i>Applied Nursing Research</i>
2007	<i>Journal of Reproductive & Infant Psychology</i> (Invited Reviewer)
2004-2009	<i>Nursing for Women's Health</i> (formerly <i>AWHONN Lifelines</i>) Editorial Advisory Board, Column Editor for "28 Days"
2003	<i>Primary Psychiatry</i> (Invited Reviewer)
2001-2006	<i>Advances in Neonatal Care</i>
1994-2003	<i>Journal of Obstetric, Gynecologic, and Neonatal Nursing</i> Editorial Board 2000-2002

Scientific Review

2014	National Institutes of Health, Ad Hoc Primary Reviewer SIDS Special Emphasis Panel
2014-2015	FPB Alumni Association Research Grant Review Panel
2013- 2016	National Association of Neonatal Nurses—Chairperson, Grant Review Panel
2005-2006	Association of Women's Health, Obstetric & Neonatal Nurses— Grant Review Panel

Professional Service

Sleep Research Society

National Association of Neonatal Nurses

Research Committee 2005-2010 (Chairperson 2008-2010)

Board of Directors (SIG Director-at-Large) 2010-2012

Research Institute Steering Council 2012-2016

Association of Women's Health, Obstetric and Neonatal Nurses

Research Committee 1999-2002; 2005-2006

Sigma Theta Tau International

Nominating Committee-Alpha Chi chapter 1992-1993

PUBLICATIONS-Peer reviewed (selected from 35+ published manuscripts)

Dowling, D.A., Barsman, S.G., Forsythe, P., **Damato, E.G.** (2018). Caring about Premies' Safe Sleep (CaPSS): An Educational Program to Improve Adherence to Safe Sleep Recommendations by Mothers of Preterm Infants. *Journal of Perinatal & Neonatal Nursing*, 32(4), 366-372. doi: 10.1097/JPN.0000000000000345

Fenton, C., McNinch, N.L., Bieda, A., Dowling, D., & **Damato, E.** (2018). Clinical outcomes in preterm infants following institution of a delayed umbilical cord clamping practice change. *Advances in Neonatal Care*, 18(3), 223-231. doi: 10.1097/ANC.0000000000000492

Haas, M.C., Dowling, D., & **Damato, E.G.** (2017). Adherence to safe sleep recommendations by families with higher-order multiples. *Advances in Neonatal Care*, 17(5), 407-416. doi: 10.1097/ANC.0000000000000416

Decker, M.J., Muller, K.J., Keating, G.L., **Damato, E.G.**, & Darrah, R. (2016). Maternal dietary supplementation with omega-3 polyunsaturated fatty acids confers neuroprotection against hypoxia-induced dopamine dysfunction. *Sleep Science*, 9(2), 94-99. doi: 10.1016/j.slsci.2016.05.007

Darrah, R., Nelson, R., **Damato, E.G.**, Decker, M., Matthews, A., & Hodges, C.A. (2016). Growth deficiency in cystic fibrosis is observable at birth and predictive of early pulmonary function. *Biological Research for Nursing*, 18(5), 498-504. doi: 10.1177/1099800416643585

Barsman, S.G., Dowling, D.A., **Damato, E.G.**, & Czeck, P. (2015). Neonatal nurses' beliefs, knowledge, and practices in relation to sudden infant death syndrome (SIDS) risk-reduction recommendations. *Advances in Neonatal Care*, 15(3), 209-219. doi: 10.1097/ANC.0000000000000160

Maloni, J.A., Przeworski, A., & **Damato, E.G.** (2013). Web recruitment and internet use and preferences reported by women with postpartum depression after pregnancy complications. *Archives of Psychiatric Nursing*, 27(2), 90-95. doi: 10.1016/j.apnu.2012.12.001

- Damato, E.G.**, Brubaker, J.A., & Burant, C. (2012). Sleeping arrangements in families with twins. *Newborn and Infant Nursing Reviews*, 12(3), 171-178. doi: 10.1053/j.nainr.2012.06.001
- Damato, E.G.**, Anthony, M.K., & Maloni, J.A. (2009). Correlates of negative and positive mood state in mothers of twins. *Journal of Pediatric Nursing*, 24, 369-377. doi: 10.1016/j.pedn.2008.05.003
- Damato, E.G.** & Zupancic, J. (2009). Strategies used by parents of twins to obtain sleep. *Applied Nursing Research*, 22, 216-220. doi: 10.1016/j.apnr.2007.07.004
- Damato, E.G.** & Burant, C. (2008). Sleep patterns and fatigue in parents of twins. *Journal of Obstetric, Gynecologic, & Neonatal Nursing*, 37, 738 -749. doi: 10.1111/j.1552-6909.2008.00296.x
- Maloni, J.A., Margevicius, S.P., & **Damato, E.G.** (2006). Multiple gestation: Side effects of antepartum bed rest. *Biological Research for Nursing*, 8(2), 115-128. doi: 10.1177/1099800406291455
- Damato, E.G.**, Dowling, D.A., Standing, T.S., & Schuster, S.D. (2005). Explanation for cessation of breastfeeding in mothers of twins. *Journal of Human Lactation*, 21(3), 296-304. doi: 10.1177/0890334405277501
- Horowitz, J.A., **Damato, E.G.**, Duffy, M.E., & Solon, L. (2005). The relationship of maternal attributes, resources, and perceptions of postpartum experiences to depression. *Research in Nursing & Health*, 28(2), 159-171. doi: 10.1002/nur.20068
- Damato, E.G.**, Dowling, D.A., Madigan, E.A., & Thanattherakul, C. (2005). Duration of breastfeeding for mothers of twins. *Journal of Obstetric, Gynecologic, & Neonatal Nursing*, 34(2), 201-209. doi: 10.1177/0884217504273671
- Damato, E.G.** (2004). Prenatal attachment and other correlates of postnatal maternal attachment to twins. *Advances in Neonatal Care*, 4(5), 276-291. doi: 10.1016/j.adnc.2004.07.005
- Damato, E.G.** (2004). Predictors of prenatal attachment in mothers of twins. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 33(4), 436-445. doi: 10.1177/0884217504266894
- Damato, E.G.** (2000). Maternal-fetal attachment in twin pregnancies. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 29(6), 598-605. doi: 10.1111/j.1552-6909.2000.tb02073.x
- Horowitz, J.A. & **Damato, E.G.** (1999). Mothers' perceptions of postpartum stress and satisfaction. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 28(6), 595-605. doi: 10.1111/j.1552-6909.1999.tb02168.x

Horowitz, J.A., **Damato, E.**, Solon, L. & von Metzsch, G. (1996). Identification of symptoms of postpartum depression: Linking research to practice. *Journal of Perinatology*, 16(4), 360-365. doi: 10.1002/nur.20068

Damato, E., Dill, P., Gennaro, S., Brown, L., York, R. & Brooten, D. (1993). The association between CNS direct care time and total time and very low birth weight infant outcomes. *Clinical Nurse Specialist*, 7(2), 75-79.

Reviews/Commentaries

Damato, E.G., Decker, M.J., Schiefer, M.A., Baskin, J.Z., Benderro, G.F., & Strohl, K.P. (2018). *Chapter 108: Upper Airway Neurostimulation to Treat Obstructive Sleep Apnea*. In Neuromodulation (2nd ed.), Krames, E.S., Peckham, P.H., Rezai, A.R. (Eds.). Boston: Elsevier.

Meleski, M.E. & **Damato, E.G.** (2003). HIV exposure: Neonatal considerations. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 32(1), 109-116. doi: 10.1177/0884217502239808

Damato, E.G. & Winnen, C.W. (2002). Cytomegalovirus Infection: Perinatal implications. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 31(1), 86-92. doi: 10.1111/j.1552-6909.2002.tb00026.x

Normand, M.C. & **Damato, E.G.** (2001). Post-cesarean infection. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 30(6), 642-648. doi: 10.1111/j.1552-6909.2001.tb00011.x

Horowitz, J.A., **Damato, E.**, Solon, L., von Metzsch, G. & Gill, V. (1995). Postpartum depression: Issues in clinical assessment. *Journal of Perinatology*, 15(4), 268-280.

ACTIVE RESEARCH SUPPORT

Structure & Function of Dopaminergic Brain Networks following Postnatally-Occurring Hypoxic Insults. (Decker, M.J., **Damato, E.G. Co-Primary Investigators**). National Institutes of Nursing Research, 1R21NR017235-01. 1/2018-12/2019. [11% effort]

Defining Traits Conferring Enhanced Performance and Resilience in Austere Environments. (Decker, M.J. PI; **Damato, E.G. Co-Investigator**). Department of Defense—US Navy; Naval Medical Research Unit. 08/2018-07/2020 (renewable through 2022). [50% effort]

PENDING RESEARCH SUPPORT

Characterizing the Duration of Hyperoxia-Induced Reductions in Brain Perfusion. (Decker, M.J. PI; **Damato, E.G. Co-Investigator**). Department of Defense—US Navy Bureau of Medicine and Surgery. 5/2019-4/2020. [10% effort]

Cognitive Fatigue: A Manifestation of Neuroinflammation.

(Decker, M.J., Strohl, K.P., Co-PIs; **Damato, E.G. Co-Investigator**). Department of Defense—US Air Force. 9/2019-8/2022. [15% effort]

Defining Hyperoxia-Induced Physiologic Destabilization.

(Decker, M.J., Strohl, K.P., Co-PIs; **Damato, E.G. Co-Investigator**). Department of Defense—US Air Force. 9/2019-8/2022. [30% effort]

COMPLETED RESEARCH GRANTSHyperoxia: An Unrecognized Mechanism for Inducing Hypoxia-Like Symptoms.

(Decker, M.J., Flask, C.A., **Damato, E.G. Co-Principal Investigators**). Funded: Department of Defense—US Air Force; FA8650-17-F-6822, T.O. 052; 6/2017-5/2018.

Administrative Research Supplement to Promote Reentry into Biomedical and Behavioral Research Careers

(Damato, E., Awardee). Parent Grant: A Tool for Neurotherapeutic Therapy for Sleep Disordered Breathing; U18EB021792 awarded to Kingman P. Strohl. Funded: National Institute of Biomedical Imaging and Bioengineering; 3U18EB021792-01S1; 6/2016-7/2017.

Biologic Determinants of Exercise-Mediated Symptom Reduction in Chronic Fatigue.

(Decker, M.J., Principal Investigator; **Damato, E.G.**, Strohl, K.P., Lai, N. **Co-Investigators**). Funded: Clinical and Translational Science Collaborative of Cleveland UL1TR000439; 2015.

Respiratory Assessment of F-22 Aircrew Life Support (RAALS) Gear.

(Decker, M.J., Principal Investigator & **Damato, E.** Co-Investigator). Funded: Subcontract C1770.0105 Wright Patterson Air Force Base; 6/2015-9/2015.

Sleep Patterns and Depression in Mothers and Fathers of Twins.

(Damato, E., Principal Investigator) Funded: NIH, National Institute of Nursing Research R15 NR009797; 2007-2009.

PROGRAM GRANTSNeonatal Nurse Practitioner Advanced Education Program.

(Dowling, D., Project Director; **Damato, E., Co-Project Director**) Funded: Health Resources and Services Administration HP000263; 2001-2004.

PRESENTATIONS AT NATIONAL/INTERNATIONAL CONFERENCES

Damato, E.G. (2106, April). *Safe Infant Sleep Practices by Mothers of Twins*. Eleventh Annual NANN Research Summit, Scottsdale, AZ.

Damato, E.G., Sattar, A., Darrah, R.J., & Decker, M.J. (2014, September). *Sleep & Circadian Mechanisms as Mediators of Reward System Responsiveness to Amphetamine*. Council for the Advancement of Nursing Science: 2014 State of the Science Conference, Washington, D.C.

Damato, E.G. (2012, September). *Sleep Patterns and Depressive Symptoms in Parents of Twins*. Interprofessional Partnership: Improvement for Global Health Outcomes, Chiang Mai, Thailand.

RECENT RESEARCH ABSTRACTS AND PROCEEDINGS

Decker, M.J., **Damato, E.G.**, Flak, T.A., Galan, R.F., Donnola, S., Ziganti, A.M., Abdollahifar, A., & Flask, C.A. (2018, May). *Development of Multimodal Neuroimaging to Measure Brain Responses to Differing Levels of Inspired Oxygen and Carbon Dioxide*. Aerospace Medical Association 89th Annual Scientific Meeting: Synergy, The Power of Multidisciplinary Problem Solving, Dallas, TX.

Damato, E.G., Flak, T.A., Ziganti, A.M., Flask, C.A., & Decker, M.J. (2018, April). *Atrophy within neural networks mediating cognitive function in persons without corresponding neurodegenerative disease*. Midwest Nursing Research Society 42nd Annual Research Conference, Cleveland, OH.

Damato, E.G., Carr, S., Ponton, C., Griswald, M., Walter, B., Strohl, K.P., & Decker, M.J. (2015, April). *Mapping Changes in Cortical Network Activity Using Integrated High Density Electroencephalography and Functional Magnetic Resonance Imaging*. Health and Human Performance Research Summit: Creating Game Changers, Dayton, OH.

Decker, M.J., **Damato, E.G.**, Decker, D.D., & Strohl, K.P. (2014, December). *Towards Defining Hypothalamic and Cortical Mechanisms through which Peroneal Nerve Stimulation Attenuates Physiologic Responses to Pain*. DARPA ElectRx Proposers' Day, Arlington, VA.

Decker, M.J., **Damato, E.G.**, Darrah, R.J., & Strohl, K.P. (2014, September). *Establishing Chronic Fatigue Syndrome Phenotypes with Unique Molecular and Electrophysiological Markers*. Council for the Advancement of Nursing Science: 2014 State of the Science Conference, Washington, D.C.

Givens, S.E., **Damato, E.G.**, Litman, P., & Decker, M.J. (2014, September). *Electrochemiluminescence Detection and Multiplexing Technology Facilitates Reconstitution and Measurement of Cytokines from Dried Blood Samples*. Council for the Advancement of Nursing Science: 2014 State of the Science Conference, Washington, D.C.

Damato, E.G., Burant, C., Strohl, K.P., Brubaker, J., & Decker, M.J. (2014, June). *Sleep Pattern Gender Differences and Fragmentation in Postpartum Parents of Twins*. SLEEP 2014: Associated Professional Sleep Societies 28th Annual Meeting, Minneapolis, MN.

TEACHING RESPONSIBILITIESDoctoral Level

Translating Evidence into Nursing Practice	2014-2016
Research Principles & Methods	2006-2019

Graduate

Integrated Assessment of the Neonate	2001-2018
Evidence-Based Practice	2013-2015
Research Process	2005-2007
Physiology of Sleep & Wake	2015

Undergraduate

Parents & Neonates in Health and Illness	2000-2006
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