

CURRICULUM VITAE FOR CWRU SCHOOL OF MEDICINE

APRIL 25, 2023

PERSONAL INFORMATION

Damato, Elizabeth G. PhD

Case Western Reserve University, School of Nursing
Health Education Campus
Samson Pavilion 451A; Mail code 7342
216-368-5634
egd@case.edu

34 Steepleview Drive
Hudson, OH 44236
330-620-9137
egdamato@gmail.com

EDUCATION & TRAINING

Education

Vanderbilt University, Nashville, TN
BSN, Nursing
08/1977-05/1981

University of Pennsylvania, Philadelphia, PA
MSN, Nursing
01/1983-08/1985

Boston College, Chestnut Hill, MA
PhD, Nursing Research
08/1993-05/1998

PhD Thesis

Maternal Prenatal Attachment to Twins
Margaret H. Kearney, June A. Horowitz, Deborah L. Mahoney

ACADEMIC APPOINTMENTS

Associate Professor / Department of Physiology & Biophysics
School of Medicine
Case Western Reserve University, Cleveland, OH
04/2023-present

Associate Professor (Secondary Appt.) / Department of Pulmonary, Critical Care, Sleep Medicine
School of Medicine
Case Western Reserve University, Cleveland, OH
11/2019-present

Associate Professor (Secondary Appt.) / Department of Neurosciences
School of Medicine
Case Western Reserve University, Cleveland, OH
04/2015-present

Associate Professor (tenured-2009) / Bolton School of Nursing
Case Western Reserve University, Cleveland, OH
07/2008-04/2023

Assistant Professor / Bolton School of Nursing
Case Western Reserve University, Cleveland, OH
07/2000-06/2008

Assistant Professor / Department of Nursing
University of Pittsburgh, Bradford, PA
08/1985-12/1987

PROFESSIONAL APPOINTMENTS

Co-Director, Center for Aerospace Physiology
Department of Physiology & Biophysics
School of Medicine
Case Western Reserve University, Cleveland, OH
04/2023-present

Senior Research Physiologist
Naval Medical Research Unit- Dayton
Department of Environmental Physiology
Dayton, OH
08/2018-08/2022

Pediatric Nurse Practitioner / Neonatal Clinical Nurse Specialist
Harvard Vanguard Medical Associates
Boston, MA
08/1988-02/2000

Staff Nurse
Hospital of the University of Pennsylvania
Philadelphia, PA
07/1982-08/1985

Staff Nurse
Olean General Hospital
Olean, NY
06/1981-07/1982

ADDITIONAL CAREER DEVELOPMENT

Post-Graduate Training

Case Western Reserve University School of Medicine
Neurological Anatomy ANAT 414
Histology & Ultrastructure (with microscopy laboratory) ANAT 412/413
Applied Neuroanatomy ANAT 560
Basic Oxygen & Physiologic Function PHOL 410
08/2014-12/2018

University Hospitals of Cleveland Department of Neurology
Elizabeth G. Damato, PhD

Clinical Neurophysiology / EEG course
02/2017-03/2017

CERTIFICATION & LICENSURE

Certification

Pediatric Nursing Certification Board
Pediatric Primary Care # 20061967
08/2006-present

American Nurses Credentialing Center
Pediatric Nurse Practitioner # 0097883
08/1986-08/2006

Licensure

Ohio Board of Nursing
Registered Nurse, RN.288266
04/2000-10/2023

Ohio Board of Nursing
Certified Nurse Practitioner, APRN.CNP.05593
04/2000-10/2023

New York State Board of Nursing
Registered Nurse, # 339445
11/1981-06/1995

Pennsylvania Board of Nursing
Registered Nurse, RN-251149-L
04/1982-06/1992, 06/2009-06/2010

Massachusetts Board of Registration in Nursing
Registered Nurse / Nurse Practitioner #185633
06/1988-07/2000

MEMBERSHIP IN PROFESSIONAL SOCIETIES

New York State Nurses Association
Member
1981-1988

National Association of Pediatric Nurse Associates & Practitioners
Member
1985-1994

Eastern Nursing Research Society
Member
1995-2000

Massachusetts Nurses' Association
Member
1988-2000

Ohio Nurses Association
Member
2000-2010

Association of Women's Health, Obstetric, and Neonatal Nurses
Member
1981-2017

National Association of Neonatal Nurses
Member
2001-2018

Midwest Nursing Research Society
Member
2000-2018

Sigma Theta Tau International
Member
1980-present

Sleep Research Society
Member
2004-present

Aerospace Medical Association
Member
2018-present

American Physiological Society
Member
2021-present

PROFESSIONAL SERVICE

Editorial Board Membership

Journal of Obstetric, Gynecologic, and Neonatal Nursing
Editorial Board
06/2000-06/2002

Nursing for Women's Health
Editorial Advisory Board & "28 Days" Column Editor
06/2004-06/2009

Manuscript Reviewer

Journal of Obstetric, Gynecologic, and Neonatal Nursing
06/1994-06/2003

Advances in Neonatal Care
09/2001-09/2006

Primary Psychiatry
05/2003; Invited Reviewer

Journal of Reproductive & Infant Psychology
12/2007; Invited Reviewer

Applied Nursing Research
04/2002-present

Research in Nursing & Health
11/2007-present

Elizabeth G. Damato, PhD

Sleep & Breathing
01/2015-present

Sleep Science
11/2020-present

Frontiers in Physiology: Environmental, Aviation, and Space Physiology
12/2021-present

Study Sections/ Grant Review Committees

Association of Women's Health, Obstetric & Neonatal Nurses
Grant Review Panel
02/2004

National Association of Neonatal Nurses
Small Grants Review Committee Chairperson
11/2012-08/2017

Frances Payne Bolton School of Nursing Alumni Board
Grant Review Panel, Faculty Representative
03/2014-04/2017

National Institutes of Health
Ad hoc Primary Reviewer; SIDS Special Emphasis Panel
02/2014

Advisory Groups

American Nurses Credentialing Center – Silver Spring, MD
Board on Certification
10/1993-10/1996

American Nurses Credentialing Center – Silver Spring, MD
PNP Test Development Committee Chairperson
11/1995-11/1996

American Nurses Credentialing Center – Silver Spring, MD
PNP Content Expert Panel
11/2002-11/2006

Massachusetts Perinatal Advisory Committee – Boston, MA
Nurse Representative
06/1992-08/1994

COMMITTEE SERVICE

International

North Atlantic Treaty Organization (NATO)
Science & Technology Working Group 312: Physiologic Events / Member
02/2019-present

National

Sigma Theta Tau International
Nominating Committee: Alpha Chi Chapter
09/1992-09/1993

Association of Women's Health, Obstetric & Neonatal Nurses
Research Committee / Member
06/1999-06/2002; 06/2005-06/2006

National Association of Neonatal Nurses
Research Committee 09/2005-09/2010; Chairperson 09/2008-09/2010
Board of Directors 09/2010-09/2012
Research Institute Steering Council 09/2012-09/2017

Regional

Massachusetts Nurses' Association
Parent-Child Health Council 11/1988-09/1993
Cabinet on Nursing Research 09/1989-09/1993
Task Force on Interstate Licensure 01/1999-12/1999

Educational Committees

Frances Payne Bolton School of Nursing; Case Western Reserve University
Evaluation Committee 2001-2003, Chair 2002-2003
Student Board of Appeals Committee 2003-2008, Chair 2007
PhD Council Research Task Force 2005
Executive Committee 2008-2012, Chair 2010-2012
DNP Admissions Committee 2012-2018, 2001-2005
PhD Admissions Committee 2013-2015, 2004-2005
Academic Integrity Board 2013-2015
DNP Program Director Search Committee (Chair) 2015-2016
Budget Committee 2015-2017

Case Western Reserve University
Undergraduate Course Evaluation Task Force 2003-2004
Outcomes Assessment Committee 2002-2004
University Academic Integrity & Conduct Appeals Board 2004-2018
Faculty Senate Nominating Committee 2006-2009
CWRU President Search Advisory Committee (Faculty Rep.) 2006
Undergraduate Student Retention Task Force 2008
Faculty Senate ad hoc SAGES Review Committee 2009-2010
Faculty Senate Graduate Studies Committee 2009-2013
USG Assistant Dean Search Ad hoc Committee 2010
UCITE Advisory Committee 2013-2018
Faculty Senator 2015-2018, 2010-2013
Faculty Advisor: Campus Rest Initiative (Student club) 2016-2018

Additional CWRU Service

Co-hosted a One-Day Meeting of CWRU leadership at Wright-Patterson Air Force Base. CWRU attendees included Provost (Bud Baeslack, PhD), CWRU Vice President for Research & Technology Management (Suzanne Rivera), and Director for the Institute of Origins (Glenn Starkman, PhD) that culminated in an Educational Agreement Program EPA-NAMRU-D-18-10323 between CWRU and WPAFB, 04/13/2017.

Co-hosted a showcase of CWRU research to USAF leadership and scientists from WPAFB. Laboratory tours with faculty research demonstrations occurred across the CWRU campus. Poster sessions and meetings between CWRU faculty and USAF scientists were held in Tinkham Veale 01/17 & 01/18/2017.

Co-hosted a one-day scientific exchange between multiple CWRU scientists with USAF and US Navy scientists, in Dayton at a facility adjacent to WPAFB, 09/28/2017.

Co-hosted a One-Day Meeting at CWRU between Naval Medical Research Unit-Dayton Leadership (CMDR ReeseLee, MD and Richard Arnold, PhD) with CWRU leadership Provost (Bud Baeslack, PhD), School of Medicine Dean (Pamela Davis, MD), Physiology & Biophysics Department Chair (Walter Boron, MD, PhD), 2/21/2018.

Inaugural Symposia of Aerospace Physiology
Planning Committee
Department of Physiology & Biophysics, 4/29/2019

Flora Stone Mather Female Faculty Spotlight Presentation
Invited Speaker
Brain Function in High Altitude Pilots, 09/25/2019

Co-hosted a Two-Day Meeting at CWRU including 711th Human Performance Wing Air Force Research Laboratory leadership (Ryan Mayes, PhD, Chair at USAF School of Aerospace Medicine; Anthony Turner, MPH, Aerospace & Operational Medicine Studies & Analysis Advisor; and Ronald Riegle and Amanda Zehring, Program Managers) and CWRU Departments of Physiology & Biophysics, Pulmonary/Critical Care/Sleep Medicine, Population & Quantitative Health Sciences, Mechanical & Aerospace Engineering, SOM Office of Grants & Contract, and MetroHealth Medical Center researchers. Keynote Speaker was Jay Dean, PhD from the Hyperbaric Biomedical Research Laboratory at the University of South Florida, 9/12-13, 2021

Coordinated a Two-Day Visit of CWRU Department of Physiology & Biophysics faculty and administrative staff to Randolph Air Force Base, San Antonio, TX. Events included meetings with USAF base leadership, tours of aircraft and facilities, flight suit/helmet/mask fittings, aircrew breathing systems demonstrations. 2/10-11, 2022

HONORS & AWARDS

Arnold D. Tuttle Award
Aerospace Medical Association
05/2023

Founder's Medalist for First Honors
Vanderbilt University
05/1981

Diamond Award
Harvard Community Health Plan
06/1992; 06/1993

Doctoral Research Fellowship
Boston College
09/1993- 08/1996

Staff Achievement Award
Harvard Vanguard Medical Associates
06/1998

Glennan Fellowship
Case Western Reserve University
04/2003

Summer Research Fellowship
University of Pennsylvania
06/2003-06/2004

Women of Excellence in Research Award, Research Showcase
Case Western Reserve University
04/2007

Jessica Melton Perry Award for Distinguished Teaching in Disciplinary and Professional Writing
Case Western Reserve University
04/2009

Nominee: John S. Diekoff Award for Excellence in Graduate Mentoring
Case Western Reserve University
03/2011

Distinguished Service Award
National Association of Neonatal Nurses
09/2013

Nominee: Carl F. Wittke Award for Excellence in Undergraduate Teaching
Case Western Reserve University
03/2015

TEACHING ACTIVITIES

Curriculum / Course Development at CWRU

PHOL 421– Introduction to Aerospace Physiology I, 2023, Certificate in Aerospace Physiology students

NURS/NUNP 416 – Integrated Assessment of the Neonate, 2001, 75 hours to create, Masters in Neonatal Nurse Practitioner and Nurse Midwifery students

Primary Instructor / CWRU School of Nursing

Doctoral Level

Research Principles & Methods NUND 520/530/541	2006-2019
Translating Evidence into Nursing Practice NUND 610	2014-2016

Graduate

Integrated Assessment of the Neonate NUNP/NURS 416	2001-2022
Research Process NURS 425	2005-2007
Evidence-Based Practice NURS 502	2013-2015

Undergraduate

Parents & Neonates in Health and Illness NURS 315	2000-2006
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Lectures / CWRU School of Medicine

Physiology of Sleep & Wake PHOL 614	
Sleep & Memory	2015, 2019
Neurostimulation for Obstructive Sleep Apnea	2019-2022
Neuroanatomy & Neurophysiology of Dreams	2020-2022
Sleep Disorders in Children	2020-2022
Perinatal Sleep	2021-2022

Medical Physiology PHOL 482 / 484; Block 8	
Physiology of Aging	2019-2021
Premature Infants in the Extrauterine Environment	2022-2023

Invited Lectures

International

1. *Hypoglossal Nerve Stimulation for Obstetric Sleep Apnea*. Peking University Hospital, Beijing, China, Invited Speaker, 11/12/2019
2. *Sleep Disorders in Children*. Peking University Hospital School of Nursing, Beijing, China, Invited Speaker, 11/12/2019

3. *Taking Flight: A Nurse's Research Journey*. Chinese Sleep Meeting, Binzhou City, China, Invited Speaker, 11/15/2019
4. *Characterizing the Dose Response of Hyperoxia with Brain Perfusion*. Aerospace Medicine-NATO Science and Technology Organization Technical Course HFM-350. Garmisch-Partenkirchen, Germany, Invited Speaker, 03/23/2022

Regional

1. *Systemic Inflammatory Cytokines: An Unrecognized Mechanism of Persistent Fatigue?* Naval Medical Research Unit, Dayton, OH, Briefing, 05/2018

Local

1. *Web Collaboration and Learning with Adobe Connect*. Information Technology Seminar, Case Western Reserve University, Cleveland, OH, Invited Speaker, 05/2009.
2. *Postpartum Depression in Mothers of Twins*. Flora Stone Mather Center for Women Reproductive Health Seminar, Case Western Reserve University, Cleveland, OH, Invited Speaker, 04/2011.
3. *Sleep and Circadian Mechanisms as Mediators of Reward System Responsiveness to Amphetamine*. Cognitive Science Colloquium, Case Western Reserve University, Cleveland, OH, Invited Speaker, 11/2016.
4. *Cognitive Fatigue: An outcome of tactical aviation-induced systemic inflammation*. Department of Defense Research Symposium: Advances in Biomedical Research, Case Western Reserve University, Cleveland, OH, Invited Speaker, 08/2022.

Grand Rounds

1. *The Relationship of Sleep to Postpartum Weight Gain and Postpartum Weight Retention*. Pulmonary Grand Rounds, University Hospitals of Cleveland, OH, Guest Speaker, 02/2007.
2. *Sleep, Fatigue, and Depression in Parents of Twins*. Nursing Grand Rounds, MetroHealth Medical Center, Cleveland, OH, Guest Speaker, 02/2009.
3. *Sleep Patterns in Parents of Twins*. Sleep Medicine Grand Rounds, University Hospitals of Cleveland, OH, Guest Speaker, 04/2011.
4. *Sleep Patterns and Depressive Symptoms in Parents of Twins*. Sleep Grand Rounds, Cleveland Clinic Foundation, Cleveland, OH, Guest Speaker, 7/2011.
5. *Sleep and Depression in Parents of Twins*. Sleep Medicine Grand Rounds, University Hospitals of Cleveland, OH, Guest Speaker, 11/2012.

Other Presentations

1. Ladden, M.J. & **Damato, E.G.** (1991, November). *Health Care Utilization Patterns of Preterm Infants in an HMO in the First Year of Life*. National Perinatal Association, Boston, MA.
2. Horowitz, J. A., **Damato, E.**, Solon, L. & von Metzsch, G. (1993, April). *Identification of Risk Factors for Postpartum Adjustment Disorders*. Eastern Nursing Research Society of NEON, Boston, MA.
3. Horowitz, J. A., **Damato, E.**, Solon, L., & von Metzsch, G. (1993, June). *Postpartum Adjustment Disorders: Identification of Risk Factors and Implications for Assessment and Treatment*. Sixth International Research Congress. Sigma Theta Tau International Research Congress, Madrid, Spain.
4. Horowitz, J. A., **Damato, E.**, Solon, L., & von Metzsch, G. (1993, November). *Maternal Perceptions of Postpartum Stresses and Satisfactions*. ANA Council of Nurse Researchers: 1993 Scientific Sessions, Washington, DC.
5. Horowitz, J. A., **Damato, E.**, Solon, L., & von Metzsch, G. (1994, May). *Risk Factors and the Mothering Experience: Predictors of Postpartum Depression*. Third International Family Nursing Conference, Montreal, Canada.
6. Horowitz, J. A., **Damato, E.**, & von Metzsch, G. (1994, November). *Postpartum Adjustment: Antecedent and Contextual Predictors*. Fifth International Conference of Maternity Nurse Researchers, Waikola, HI.

7. Horowitz, J. A., **Damato, E.**, & von Metzsch, G. (1994, November). *Postpartum Stresses and Satisfactions: Dimensions of the New Mothering Experience*. Fifth International Conference of Maternity Nurse Researchers, Waikola, HI.
8. **Damato, E.**, & Horowitz, J. A. (1995, May). *Stresses and Satisfactions of the New Mothering Experience: Methodological Triangulation*. Eastern Nursing Research Society, Portland, ME.
9. Horowitz, J. A., & **Damato, E.** (1995, June). *Postpartum Depression: Antecedent and Contextual Predictors*. Nursing Research Network of Boston, Boston, MA.
10. Horowitz, J.A. & **Damato, E.** (1995, September). *Clinical Assessment of Postpartum Depression*. The 13th World Congress of the International College of Psychosomatic Medicine, Jerusalem, Israel.
11. Horowitz, J.A., & **Damato, E.** (1995, September). *Identification of a Risk-Profile for Postpartum Depression*. The 13th World Congress of the International College of Psychosomatic Medicine, Jerusalem, Israel.
12. Juneau-Norcross, M., **Damato, E.**, Goldstein, R., Schechner, S. & Obasiolu, C. (1995, October). *Increased Neonatal Intensive Care Unit Admissions of Infants Born to Women Receiving Tertiary Infertility Treatment*. The 51st Annual Meeting of the American Society for Reproductive Medicine. Seattle, WA.
13. Horowitz, J.A. & **Damato, L.** (1997, November). *Mothers' Perceptions of Postpartum Stress and Satisfactions: A Triangulated Approach*. The IV International Nursing Conference, Universidad Austral, Valdivia, Chile.
14. Horowitz, J.A., **Damato, L.** & Mahony, D. (1997, November). *Prenatal Care and Personal Resources as Predictors of Postpartum Depression*. The IV International Nursing Conference, Universidad Austral, Valdivia, Chile.
15. **Damato, E.G.** (1998, April). *Maternal Prenatal Attachment to Twins*. The 10th Annual Scientific Sessions of Eastern Nursing Research Society, Rochester, NY.
16. **Damato, E.G.** (2001, March). *Maternal Postnatal Attachment to Twins*. Midwest Nursing Research Society, Cleveland, OH.
17. **Damato, E.G.** (2002, March). *Mood States in Parents of Young Twins*. Midwest Nursing Research Society, Chicago, IL.
18. **Damato, E.G.** (2002, June). *Maternal Postnatal Attachment to Twins*. Association of Women's Health, Obstetric, & Neonatal Nurses, Boston, MA.
19. **Damato, E.**, & Horowitz, J.A. (2002, June). *Postnatal Stresses and Satisfactions in Mothers of Twins*. Association of Women's Health, Obstetric and Neonatal Nurses, Boston, MA.
20. **Damato, E.G.** (2003, April). *Parenting Stress, Sense of Competence, & Social Support as Predictors of Mood States in Mothers of Twins*. Midwest Nursing Research Society, Grand Rapids, MI.
21. **Damato, E.G.** (2003, April). *Factors Affecting Duration of Breastfeeding for Mothers of Twins*. Midwest Nursing Research Society, Grand Rapids, MI.
22. **Damato, E.G.** (2003, June). *Factors Affecting Duration of Breastfeeding for Mothers of Twins*. Association of Women's Health, Obstetric, and Neonatal Nurses Annual Convention, Milwaukee, WI.
23. **Damato, E.G.** (2003, November). *Sense of Competence, Stress, Social Support and Mood States in Mothers of Twins*. Sigma Theta Tau International, Toronto, Canada.
24. **Damato, E.G.**, Dowling, D.A., Standing, T.S., & Schuster, S.D. (2004, April). *Explanations for Cessation of Breastfeeding in Mothers of Twins*. Eastern Nursing Research Society, Quincy, MA.

25. Horowitz, J. A., **Damato, E.**, Duffy, M. E., & Solon, L. (2004, October). *The Relationship of Maternal Attributes Resources, and Perceptions of Postpartum Experiences to Depression*. National Congress on the State of the Science in Nursing Research: Working toward a Healthier Nation, Washington, DC.
26. **Damato, E.G.**, Brubaker, J., Gordon, N., & Burant, C. (2009, March). *Sleep Duration, Sleep Quality, Fatigue and Depression in Mothers of Twins*. Eastern Nursing Research Society, Boston, MA.
27. **Damato, E.**, Brubaker, J., Gordon, N., Burant, C., Mesukko, J., Flaherty, L., Niyomkar, S., Graham, G., Wiesenthal, E., Vida, J. (2010, March). *Sleep Quality, Fatigue, and Depression in Fathers of Newborn Twins*. Eastern Nursing Research Society, Providence, RI.
28. **Damato, E.G.**, Brubaker, J., Gordon, N., & Burant, C. (2011, March). *Sleep Patterns in Parents of Twins*. Midwestern Nursing Research Society, Columbus, OH.
29. **Damato, E.G.** (2012, September). *Sleep Patterns and Depressive Symptoms in Parents of Twins*. Interprofessional Partnership: Improvement for Global Health Outcomes, Chiang Mai, Thailand.
30. Barsman, S.G., Dowling, D.A., **Damato, E.G.**, Czech, P. (2014, March). *Neonatal Nurses' Beliefs, Knowledge, and Practices in Relation to Sudden Infant Death Syndrome (SIDS) Risk-Reduction Recommendations*. Midwestern Nursing Research Society 38th Annual Research Conference, St. Louis, MO.
31. Haas, M., **Damato, E.**, Czech, P., Dowling, D., & Barsman, S.G. (2014, March). *Caring About Twins' Sleep: The CaTS Study*. Midwestern Nursing Research Society 38th Annual Research Conference, St. Louis, MO.
32. 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.
33. 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.
34. **Damato, E.G.**, Sattar, A., Darrah, R.J., & Decker, M.J. (2014, September). *Sleep & Circadian Mechanisms as 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.
35. **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.
36. Marcum, C. & **Damato, E.** (2016, March). *Maternal Beliefs and Decisions Regarding HPV Vaccination for their Daughters*. Virginia Council of Nurse Practitioners 2016 Annual Conference, Hot Springs, VA.
37. Haas, M., **Damato, E.**, Dowling, D. (2016, April). *Safe Sleep Care Practices in Families with Higher-Order Multiples*. Case Western Reserve University Research Showcase, Cleveland, OH.
38. Mithani, S., Kodama, N., Barbato, E., **Damato, E.G.**, Galan, R.G., Decker, M.J. (2016, April). *High Density Electroencephalography to Quantify Cortical Neural Network Activity*. Case Western Reserve University Research Showcase, Cleveland, OH.
39. Ziganti, A.M., Abdollahifar, A., Flak, T., Galan, R., Flask, C., **Damato, E.G.**, Decker, M.J. (2018, April). *Phenotypic Variation in Response to a Hyperoxic Environment*. Intersections Spring Symposium. Case Western Reserve University Support of Undergraduate Research and Creative Endeavors, SOURCE, Cleveland, OH.
40. **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.

41. Mayes, R.S., Decker, M.J., **Damato, E.G.** (2019, September). *The Impact of High Oxygen Levels on Cerebral Perfusion & Cognitive Performance*. International Congress of Aviation and Space Medicine: Debrecen, Hungary.
42. Decker, M.J. & **Damato, E.G.** (2021, April). *COPE 21A Research Update April 2021*. COPE Fighter Summit Biannual Meeting (Virtual).
43. Miner, S. & **Damato, E.G.** (2021, May). *Evaluation of the Relationship of Sleep Disturbances to Severity and Common Behaviors in Autism Spectrum Disorder*. International Society for Autism Research Annual Meeting, Boston, MA (Virtual).
44. Decker, M.J. & **Damato, E.G.** (2021, May). *Decker Lab Briefing: Establishing Biomarkers of Post-Sortie Cognitive Fatigue in T-6A Texan II Instructor Pilots*. Vance Air Force Base, Enid, OK.
45. Decker, M.J. & **Damato, E.G.** (2021, June & September). *Decker Lab Briefing: Establishing Biomarkers of Post-Sortie Cognitive Fatigue: Findings & Next Steps*. Randolph Air Force Base, San Antonio, TX.
46. Decker, M.J. & **Damato, E.G.** (2021, August). *Decker Lab Briefing: Establishing Biomarkers of Post-Sortie Cognitive Fatigue: Applicability to Tactical Aviators*. Nellis Air Force Base, Las Vegas, NV.
47. Decker, M.J. & **Damato, E.G.** (2021, August). *Establishing Biomarkers of Post-Sortie Cognitive Fatigue*. COPE Fighter Summit 21B, Denver, CO.
48. **Damato, E.G.**, Flak, T.A., Borato, L., Decker, M.J. (2021, September). *Structure of Dopaminergic Brain Networks Following Postnatally-Occurring Hypoxic Insults*. Ohio Physiological Society 35th Annual Meeting, Cleveland, OH.
49. Vannix, I., **Damato, E.G.**, Flak, T.A., Michenkova, M., Decker, M.J. (2021, September). *Characterizing the Dose Response Curve of Hyperoxia-Induced Reductions in Brain Perfusion*. Ohio Physiological Society 35th Annual Meeting, Cleveland, OH.
50. **Damato, E.G.**, Margevicius, S., Mayes, R., Decker, M. (2022, September). *Fatigue associated with military flight: Near infrared cortical spectroscopy measurements may predict vulnerability towards cognitive fatigue*. International Conference of Aerospace Medicine, Paris, France.
51. Decker, M.J., **Damato, E.G.**, Mayes, R., Burch, D., Margevicius, S. (2022, September). *Oscillating inspired oxygen results in oscillating arterial oxygen partial pressures*. International Conference of Aerospace Medicine, Paris, France.

Trainees / Mentees

1. Kellie Bryant—Nursing, DNP Committee Member: Contraceptive Attitudes Among Female College Students; 11/2006
2. Sheryl Sandahl—Nursing, DNP Committee Member: Collaborative Testing as a Learning Strategy in Nursing Education; 07/2006-03/2007
3. Catherine O’Keefe-Wall—Nursing, DNP Committee Member: Risk Factors for Overweight at 5 Years of Age: Birth Characteristics, Rate of Weight Gain, Mode of Infant Feeding, and Adiposity Rebound; 12/2006-03/2007
4. Michelle Beaulieu—Nursing, DNP Committee Member: Evaluating the Failure to Rescue Process and Nonreassuring Fetal Heart Rate Patterns; 09/2006-05/2007
5. Sandra Bellini—Nursing, DNP Chair: Nurses’ Knowledge, Attitudes/Beliefs, and Practices Concerning DNR Status for Hospitalized Neonates; 05/2006-06/2007
6. Cari Stemig—Nursing, DNP Committee Member: Unpleasant Symptoms Associated with Pregnancy, Risk Status, and Bed Rest; 07/2007

7. Gina Heiss-Harris—Nursing, DNP Committee Member: Prevalence of Midline Catheter Use in the NICU; 05/2008
8. Helen Hurst—Nursing, DNP Chair: Relationships between Attitudes, Self-efficacy, and Labor Support Behaviors in Intrapartum Nurses; 05/2005-03/2008
9. Mary Whalen—Nursing, DNP Committee Member: Variation in Practice: Preparation of Fortified Human Milk; 07/2007-04/2008
10. Colleen Maykut—Nursing, DNP Committee Member: The Development of the Comportment Attitude Scale to Ascertain Influences of Non-Verbal Observable Behavioral Expressions on Professional Image; 04/2007-02/2009
11. Anne Marie Bularzik—Nursing, DNP Committee Member: Nurses' Perceptions of their Group Goal Attainment Capability and Professional Autonomy; 02/2009-09/2009
12. Sonia Vishneski—Nursing, DNP Chair: Content Validation of an Instrument Used to Measure Contraceptive Knowledge, Attitudes, and Usage in Adolescents with a Rapid Repeat Pregnancy; 05/2007-12/2009
13. Sharon Roller—Nursing, DNP Chair: Nurses' Attitudes Toward Deafness; 10/2008-03/2010
14. Sanna Chen—Anthropology, PhD Committee Member: Sitting the Month in Taiwan: Implications for Chinese Intergenerational Women Relations; 04/2010
15. Jutarat Mesukko—Nursing, PhD Chair: Quality of Dying & Death, Barriers, and Facilitators to Providing Pediatric End-of-Life Care in Thailand; 08/2008-06/2010
16. Paula Timoney—Nursing, DNP Committee Member: Faculty Use & Barriers to Use of Human Patient Simulation in Neonatal Nurse Practitioner Educational Programs; 02/2010-08/2010
17. Suzanne Holm—Nursing, DNP Committee Member: Patient Satisfaction with Direct Reporting of Laboratory Test Results; 07/2010-05/2011
18. Jennifer Brubaker—Nursing, PhD Chair: Sleep & Health-Related Quality of Life in Children with Cardiac Disease; 08/2008-11/2011
19. Srimana Niyomkar—Nursing, PhD Committee Member: Computer Competency of Nursing Students at a University in Thailand; 04/2011-02/2012
20. Sing-Jie Lee—Nursing, PhD Chair: Relationships among Social Network Structure and Function and Health in Single-Parents in Taiwan; 08/2009-09/2012
21. Chrys Anderson—Nursing, DNP Committee Member: Predictors of Serious Fall Injury in Hospitalized Patients; 05/2012-02/2013
22. Cynthia Marcum—Nursing, DNP Chair: Maternal Beliefs and Decisions Regarding HPV Vaccination for their Daughters; 05/2011-12/2013
23. Aisha Mix—Nursing, DNP Chair: Evaluation of a Community-Based Program to Promote Educational Attainment for Adolescent Parents; 01/2013-03/2014
24. Patricia Hosang Beam—Nursing, DNP Chair: Self-Esteem, Emotional Intelligence, Job Satisfaction, Job Intention, and Life Satisfaction with Self-Perception of Leadership in Bedside Nurses; 01/2013-11/2014
25. Elizabeth Ribbeck—Nursing, DNP Committee Member: Muslim Women's Lived Experience of Birth in the United States; 01/2011-03/2014
26. Nancy Hicks-Arsenault—Nursing, DNP Chair: Evaluation of a Follow-up Phone Call to Improve Patient Satisfaction on Unscheduled Returns to the Emergency Department in Patients Treated for Abdominal Pain; 05/2014-05/2015

27. Paula Beaver—Nursing, DNP Committee Member: Participation In Daily Rounds: Examining the relationship between effective communication and stress levels; 12/2012-01/2016
28. Lisa Marie Kovacic—Nursing, DNP Chair: Exploring the Prevalence of Failure to Complete the Five Rights Check Method Among Senior Licensed Practical Nursing Students in Long-Term Care Clinical Experiences; 02/2016-05/2016
29. Debra White—Nursing, DNP Chair: The Power of Influence: Academic Progression in Nursing; 05/2015-05/2017
30. Christen Fenton—Nursing, DNP Chair: Clinical Outcomes in Preterm Infants Following Institution of a Delayed Umbilical Cord Clamping Practice Change; 11/2016-05/2017
31. Bethann Morton—Nursing, DNP Chair: Care Coordination for Children with Special Healthcare Needs: A Program Evaluation; 02/2018-12/2019
32. Stacy Miner—Nursing, PhD Chair: Evaluation of the Relationship of Sleep Disturbances to Severity and Common Behaviors in Autism Spectrum Disorder; 03/2019-12/2020
33. Rae-Jean Hemway—Nursing, DNP Chair: The Relationship of Neonatal Nurses' Perceptions of Resilience, Neonatal ICU Nursing Turnover Intention and a Healthy Work Environment; 04/2022-03/2023

Other Teaching Activities

1. Renal Physiology, SAMI- (CWRU School of Medicine), Diabetic Ketoacidosis, 2019-2020
2. Cardiac Physiology, SAMI-(CWRU School of Medicine), Congestive Heart Failure, 2020

RESEARCH / GRANT SUPPORT

Active Research Support

Department of Defense—US Navy; Naval Medical Research Unit-Dayton

09/2022-06/2024

Cortical & Cognitive Effects of Normobaric and Hypobaric Rapid Oscillating Oxygen Conditions (ROHC) (Damato, PI; Decker, Co-PI).

TDC=\$214,147

Role: PI; 25% effort

Department of Defense—711th Human Performance Wing

09/2021-03/2023

Defining mechanisms mediating vulnerability towards cognitive fatigue: Post Sortie Systemic Inflammation, Sleep, Diet, and Exercise. (Decker, PI)

TDC=\$345,121 CWRU [plus \$223,078 administered through NAMRU-Dayton]

Role: Co-I; 25% effort

Department of Defense—Air Force Research Laboratories, FA8650-19-C-6103

09/2019-06/2023

Neurophysiological & Cognitive Effects of Rapid Oscillating Hyperoxic Conditions. (Decker, PI).

TDC=\$999,776

Role: Co-I; 20% effort

Pending Research Support

Department of Defense—Military Operational Medicine Research Program, Joint Program Commission-5

01/2023-12/2025 [Contracting pending]

Mechanisms Evoking Post-Sortie Systemic Inflammation, Reduced Prefrontal Cortical Activity and Cognitive Fatigue. (Decker, PI)

TDC=\$1,012,165 [\$796,000 administered through CWRU; \$216,165 through NAMRU-Dayton]

Role: Co-PI; 40% effort in Year 1; 35% in Years 2-3

Department of Defense—711th Human Performance Wing
10/2022-09/2023 [Contracting pending]
Defining Interactions between Aviator Mask Safety Pressure and Oxygen Concentration with Arterial Oxygen Levels and Inflammation (Decker, PI).
TDC=\$246,781
Role: DoD-defined Co-PI; 15% effort

Department of Defense—711th Human Performance Wing
10/2022-09/2023 [Contracting pending]
Role of RPTP γ and RPTP ζ in sensing dyscarbia-related acid-base disturbances in neurons and astrocytes (Decker, USN PI; Boron, CWRU PI)
TDC=\$248,444
Role: Co-I; 5% effort

Department of Defense—711th Human Performance Wing
01/2023-12/2023 [Contracting pending]
The Effect of Brain Hypoperfusion Events on Gap Junction Breakdown at the Blood-Brain Barrier Disruption Leading to Neurologic Injury. (Decker, USN PI; Piktel, CWRU-MetroHealth PI)
TDC=\$221,890
Role: Co-I; 5% effort

Completed Research Grants

Department of Defense—United States Navy - NAMRU
09/2021-08/2022
Co-Funding to support *Defining mechanisms mediating vulnerability towards cognitive fatigue: Post Sortie Systemic Inflammation, Sleep, Diet, and Exercise.* (Decker, PI)
TDC=\$223,078
Role: DoD-defined Co-PI; 50% effort (administered through NAMRU-D IPA)

Department of Defense—711th Human Performance Wing
09/2021-08/2022
Defining mechanisms by which CO₂ and O₂ move through AQP4 at the blood-brain barrier. (Decker, USN PI; Boron, CWRU PI)
TDC=\$251,332
Role: Co-I; 5% effort (administered through NAMRU-D IPA)

National Institutes of Nursing Research, 1R21NR017235-01
01/2018-12/2021
Structure & Function of Dopaminergic Brain Networks following Postnatally-Occurring Hypoxic Insults. (Decker, PI).
TDC=\$275,000
Role: Co-PI; 11.25% effort

Department of Defense—711th Human Performance Wing/FMU, F4F4FE0163G001
06/2020-11/2021
Establishing Biomarkers of Post-Sortie Cognitive Fatigue. (Decker, PI)
TDC=\$374,804
Role: Co-I; 50% effort (administered through NAMRU-D IPA)

Department of Defense—US Navy Bureau of Medicine and Surgery, N3239819P0321
10/2019-03/2021
Characterizing the Duration of Hyperoxia-Induced Reductions in Brain Perfusion. (Decker, PI).
TDC=\$240,655
Role: Co-I; salary support effort provided by co-funding from NAMRU IPA

Department of Defense—United States Navy - NAMRU
08/2019-08/2020
Co-Funding to support *Characterizing the Duration of Hyperoxia-Induced Reductions in Brain Perfusion.* (Decker, PI).
TDC=\$226,368
Role: Co-PI; 50% effort (administered through NAMRU-D IPA)

Department of Defense—US Navy; Naval Medical Research Unit-Dayton
08/2018-08/2019
Defining Traits Conferring Enhanced Performance and Resilience in Austere Environments. (Decker, PI).
TDC=\$222,725
Role: Co-I; 50% effort

Department of Defense—Air Force Research Laboratories. FA8650-17-F-6822
06/2017-09/2018
Hyperoxia: An Unrecognized Mechanism for Inducing Hypoxia-Like Symptoms. (Decker, PI).
TDC=\$245,555
Role: Co-I; 10% effort

National Institute of Biomedical Imaging and Bioengineering; 3U18EB021792-01S1
06/2016-07/2017
Administrative Research Supplement to Promote Reentry Into Biomedical and Behavioral Research Careers. (Strohl, Parent Grant PI: A Tool for Neurotherapeutic Therapy for Sleep Disordered Breathing).
TDC=\$60,243
Role: Awardee: 75% effort

Clinical and Translational Science Collaborative of Cleveland, UL1TR000439
2015
Biologic Determinants of Exercise-Mediated Symptom Reduction in Chronic Fatigue. (Decker, PI).
TDC=\$9,888
Role: Co-I. 5% effort (in kind)

Department of Defense—Wright Patterson AFB, 711th Human Performance Wing
Subcontract C1770.0105
06/2015-09/2016
Respiratory Assessment of F-22 Aircrew Life Support (RAALS) Gear. (Decker, PI).
TDC=\$14,440
Role: Co-I. 5% effort

National Institutes of Nursing Research, R15 NR009797
04/2007-03/2010
Sleep Patterns and Depression in Mothers and Fathers of Twins. (Damato, PI).
TDC=\$150,000
Role: PI; 25% effort

Completed Program Grants

Health Resources and Services Administration, HP000263
07/2001-06/2004
Neonatal Nurse Practitioner Advanced Education Program. (Dowling, PD).
TDC=\$399,859
Role: Co-PD; 25% effort

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Peer Reviewed Articles (served as mentor for those denoted with *)

1. **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.

2. 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.
3. Kelley, S.J. & **Damato, E.G.** (1995). Grandparents as primary caregivers. *MCN: The American Journal of Maternal/Child Nursing*, 20(6), 326-332.
4. 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.
5. 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.
6. **Damato, E.G.** (2000). Maternal-fetal attachment to twins. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 29(6), 598-605.
7. **Damato, E.G.** (2004). Predictors of prenatal attachment in mothers of twins. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 33(4), 436-445.
8. **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
9. **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
10. 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
11. **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
12. 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
13. **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
14. *Bellini, S. & **Damato, E.G.** (2009). Nurses' knowledge, attitudes/beliefs, and care practices concerning do not resuscitate status for hospitalized neonates. *Journal of Obstetric, Gynecologic, & Neonatal Nursing*, 38, 195-205. doi: 10.1111/j.1552-6909.2009.01009.x
15. **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
16. **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
17. **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
18. 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
19. Anderson, C., Dolansky, M., **Damato, E.G.**, & Jones, K.R. (2015). Predictors of serious fall injury in hospitalized patients. *Clinical Nursing Research*, 24(3), 269-283. doi: 10.1177/1054773814530758

20. 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
21. 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
22. 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.slsi.2016.05.007
23. **Damato, E.G.**, Haas, M.C., Czeck, P., Dowling, D.A., & Barsman, S.G. (2016). Safe sleep infant care practices reported by mothers of twins. *Advances in Neonatal Care*, 16(6), E3-E14. doi: 0.1097/ANC.0000000000000332
24. *Haas, M.C., Dowling, D.A., & **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
25. 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
26. *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
27. **Damato, E.G.**, Flak, T.A., Mayes, R.S., Strohl, K.P., Ziganti, A.M., Abdollahifar, A., Flask, C.A., LaManna, J.C., Decker, M.J. (2020). Neurovascular and cortical responses to hyperoxia: Enhanced cognition and electroencephalographic activity despite reduced perfusion. *Journal of Physiology*, 598(18), 3941–3956. doi: 10.1113/JP279453
28. *Morton, B., **Damato, E.G.**, Ciccarelli, M.R., Currie, J. (2021). Care coordination for children with special healthcare needs anticipating transition: A program evaluation. *Journal of Pediatric Nursing*, 61, 7-14. doi: 10.1016/j.pedn.2021.02.024.
29. **Damato, E.G.**, Burant, C.J., Brubaker, J.A., Decker, M.J. (2021). Sleep pattern gender differences & fragmentation in postpartum parents of twins. *Sleep Science*, 14(Special2):118. doi:10.5935/1984-0063.20200101
30. Capper, B., **Damato, E.G.**, Gutin-Barsman, S., Dowling, D. (2021). Mothers' decision making concerning safe sleep for preterm infants: What are the influencing factors? *Advances in Neonatal Care*. doi: 10.1097/ANC.0000000000000952. Epub ahead of print.
31. **Damato, E.G.**, Fillioe, S.J., Mayes, R.S., Margevicius, S.P., Somogyi, J.E., Vannix, I.S., Abdollahifar, A., Turner, A.M., Ilcus, L.S., Decker, M.J. (2022). Increased serum levels of proinflammatory cytokines are accompanied by fatigue in military T-6A Texan II instructor pilots. *Frontiers in Physiology*, 13, 876750. doi: 10.3389/fphys.2022.876750
32. **Damato, E.G.**, Fillioe, S.J., Vannix, I.S., Norton, L.K., Margevicius, S.P., Beebe, J.L., Decker, M.J. (2022). Characterizing the dose response of hyperoxia with brain perfusion. *Aerospace Medicine & Human Performance*, 93(6):493–498. doi: 10.3357/AMHP.6056.2022
33. Gayatri, R.V., Hsu, Y-Y., **Damato, E.G.** (2023). Utilization of maternal healthcare services among adolescent mothers in Indonesia. *Healthcare*, 11, 678. doi: 10.3390/healthcare11050678

Edited Books, Monographs

1. Ladden, M. & **Damato, E.** (1992). Parenting and supportive programs. *NAACOG's Clinical Issues in Perinatal and Women's Health Nursing*, Brooten, D. (Ed.); 3:174-187.
2. Massachusetts Nurses' Association, Parent Child Health Council. (1994, July). Children and Adolescents with HIV/AIDS: A Nursing Resource. Canton, MA: Author. [contributor]

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1. *Normand, M.C. & **Damato, E.G.** (2001). Post-cesarean infection. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 30(6), 642-648.
2. **Damato, E.G.** & Winnen, C.W. (2002). Cytomegalovirus infection: Perinatal implications. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 31(1), 86-92.
3. *Meleski, M.E. & **Damato, E.G.** (2003). HIV exposure: Neonatal considerations. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 32(1), 109-116.
4. **Damato, E.G.** (2004). Research into practice: Measuring stress in preterm infants. *AWHONN Lifelines*, 8(2), 116-118. doi: 10.1177/1091592304265574
5. Maloni, J.A. & **Damato, E.G.** (2004). Reducing risk for preterm birth: Evidence to guide nursing care. *Advances in Neonatal Care*, 4(3), 166-174. doi: 10.1016/j.adnc.2004.04.006
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7. **Damato, E.G.** (2005). Parenting multiple infants. *Newborn and Infant Nursing Reviews*, 5(4), 208-214. doi: 10.1053/j.nainr.2005.08.003
8. **Damato, E.G.** (2007). Toward safer infant sleep: Do pacifiers reduce SIDS risk? *Nursing for Women's Health*, 11(1), 72-76. doi: 10.1111/j.1751-486X.2007.00120.x
9. **Damato, E.**, Lund, C., Lyndon, A., Simpson, K.R., Stark, M.A., & Bingham, D. (2013). Nurses share real-life experiences. *Nursing for Women's Health*, 17(5), 412-419.

Book Chapters

1. **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.

Letters

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2. **Damato, L.** & Reid-Ponte, P. (1993, March). A research utilization workshop. *Massachusetts Nurse*, 63(3), 5.
3. **Damato, E.G.** (2007). [Toward safer infant sleep: Do pacifiers reduce SIDS risk?] Author's response. *Nursing for Women's Health*, 11(4), 355-356.

Podium Presentations (published abstracts)

1. **Damato, E.**, Gordon, N., Ludington, S., Goris, K., Lee, C-W., Frame, J., Mesukko, J., Hightower, K., & Flaherty, L. (2008). Sleep, fatigue, and depression in mothers of twins. *SLEEP Suppl 2008; 31:A124*.

2. *Brubaker, J., **Damato, E.**, Hightower, K., Goris, K., Flaherty, L., & Mesukko, J. (2009). Home sleeping arrangements in families with twins. Fourth Annual NANN Research Summit, Scottsdale, AZ. *Advances in Neonatal Care*, 9(2), 86-87.
3. *Flaherty, L. & **Damato, E.G.** (2009). Relationships among sleep duration, sleep quality, fatigue, and depression in fathers of twins. *Western Journal of Nursing Research*, 31(8), 1094-1095.
4. **Damato, E.G.**, Brubaker, J.A., Flaherty, L., Mesukko, J., Niyomkar, S., Lee, S., Gordon, N.H., & Burant, C. (2010). Sleep duration, sleep fragmentation, and depression in parents of twins. *SLEEP Suppl 2010*; 33:A98.
5. *Mesukko, J., **Damato, E.G.**, Brubaker, J.A., Flaherty, L., & Niyomkar, S. (2010). Compensatory strategies reported to increase sleep in parents of twins. Fifth Annual NANN Research Summit, Scottsdale, AZ. *Advances in Neonatal Care*, 9 (4), 215-216.
6. **Damato, E.G.**, Dowling, D.A., Haas, M.C., Gutin, M.C., Hovest, J.F. (2013). Prenatal intentions for SIDS risk reduction care practices for twin infants. Eighth Annual NANN Research Summit, Scottsdale, AZ. *Advances in Neonatal Care*, 13(3), 216-217.
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8. Decker, M.J., Sattar, A., **Damato, E.G.**, Strohl, K.P. Sleep disorders mask peripheral markers of inflammation and immune system activity in chronic fatigue syndrome. 28th Annual Meeting of the Associated Professional Sleep Societies, Minneapolis, MN, 06/2014. *SLEEP Suppl 2014*; 37:A258.
9. **Damato, E.G.** (2016). Safe infant sleep practices by mothers of twins. Eleventh Annual NANN Research Summit, Scottsdale, AZ. *Advances in Neonatal Care*, 16(3), E3-E4.
10. 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. *Aerospace Medicine and Human Performance*, 89(3):298.
11. Decker, M.J., **Damato, E.G.**, Mayes, R.S., Ziganti, A.M., Flak, T.A., Abdollahifar, A., LaManna, J.C., Strohl, K.P., Flask C.A. (2019, May). Paradoxical hyperoxia: The fifth type of hypoxia? Aerospace Medical Association 90th Annual Scientific Meeting: Aerospace Medicine sans Frontières, Las Vegas, NV. *Aerospace Medicine and Human Performance*, 90(3): 203.
12. Mayes R.S., Decker M.J., **Damato E.G.**, Flak T.A., Ziganti A.M., Abdollahifar A., LaManna, J.C., Strohl, K.P., Flask C.A. (2019, May). Harbor seals and pilots: The impact of high oxygen levels on cerebral perfusion. Aerospace Medical Association 90th Annual Scientific Meeting: Aerospace Medicine sans Frontières, Las Vegas, NV. *Aerospace Medicine and Human Performance*, 90(3): 203.
13. **Damato E.G.**, Flak T.A., Decker M.J., Ziganti A.M., Mayes R.S., Abdollahifar A., LaManna, J.C., Strohl, K.P., Flask C.A. (2019, May). Flight, then fight: Hyperoxia and increased cognitive function. Aerospace Medical Association 90th Annual Scientific Meeting: Aerospace Medicine sans Frontières, Las Vegas, NV. *Aerospace Medicine and Human Performance*, 90(3): 203.
14. Turner, A.M., **Damato, E.G.**, Mayes, R.S., Decker M.J., Ilcus, L.S., Margevicius, S.P., McCarthy, M.M., Vannix, I.S., Somogyi, J.E. (2022, May). Study design, rationale and findings of potential mechanisms contributing to progressive onset of fatigue in aviators. Aerospace Medical Association 92nd Annual Scientific Meeting: "Scientia ex Machina" Reno, NV. *Aerospace Medicine and Human Performance*, 93(3): 193.

15. Decker, M.J., **Damato, E.G.**, Fillioe, S.J., Vannix, I.S., Margevicius, S.P., Somogyi, J.E., Ilcus, L.S., Mayes, R.S. (2022, May). Blood serum profiles of T-6A Texan II instructor pilots across a one-week flying schedule. Aerospace Medical Association 92nd Annual Scientific Meeting: “Scientia ex Machina” Reno, NV. *Aerospace Medicine and Human Performance*, 93(3): 193.
16. **Damato, E.G.**, Mayes, R.S., McCarthy, M.M., Margevicius, S.P., Fillioe, S.J., Somogyi, J.E., Ilcus, L.S., Turner, A.M., Decker, M.J. (2022, May). Increasing blood serum proinflammatory cytokines accompany increased levels of fatigue in T-6A Texan II instructor pilots: A chicken or egg relationship? Aerospace Medical Association 92nd Annual Scientific Meeting: “Scientia ex Machina” Reno, NV. *Aerospace Medicine and Human Performance*, 93(3): 194.
17. Mayes, R.S., **Damato, E.G.**, Vannix, I.S., McCarthy, M.M., Somogyi, J.E., Ilcus, L.S., Turner, A.M., Decker, M.J. (2022, May). Mechanisms contributing to increasing fatigue levels may extend beyond the usual suspects of diet and sleep. Aerospace Medical Association 92nd Annual Scientific Meeting: “Scientia ex Machina” Reno, NV. *Aerospace Medicine and Human Performance*, 93(3): 194.