

## CURRICULUM VITAE

**Date of Revision :** August 11, 2020

**Name :** Christie J. Bruno, DO

**Proposed for Promotion to:** Associate Professor, Department of Pediatrics  
Clinician-Educator Track

**Term:** July 1, 2018 to June 30, 2023

**School :** Yale School of Medicine

**Reason for Promotion:** (to be written by department chair or section chief; inserted after candidate submits materials to Department)

### Education:

B.A. Cornell University (Biology & Society), Ithaca, NY, 1998

D.O. University of New England College of Osteopathic Medicine, Biddeford, ME, 2003

### Career/Academic Appointments:

2003-04	Intern, Pediatrics, Thomas Jefferson University/duPont Hospital for Children, Philadelphia, Pennsylvania
2004-05	Resident, Pediatrics/Physical Medicine and Rehabilitation, Thomas Jefferson University/duPont Hospital for Children, Philadelphia, Pennsylvania
2005-06	Resident, Pediatrics, Thomas Jefferson University/duPont Hospital for Children, Philadelphia, Pennsylvania
2007	House Physician, Division of Neonatal-Perinatal Medicine, The Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2007-10	Postdoctoral Fellow in Neonatal-Perinatal Medicine, The Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2010-11	Attending Physician, Division of Neonatal-Perinatal Medicine, The Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
2011-15	Assistant Professor, Dept. of Pediatrics, Albert Einstein College of Medicine, Bronx, New York
2015-2018	Assistant Professor, Dept. of Pediatrics, Yale School of Medicine, New Haven, CT
2018-present	Associate Professor, Dept. of Pediatrics, Yale School of Medicine, New Haven, CT

### Administrative Positions:

2019-present	Director, Neonatal-Perinatal Medicine Fellowship Program, Yale University School of Medicine, New Haven, CT
2018-present	Co-Director, Neonatal Resuscitation Program, Yale University School of Medicine, New Haven, CT
2017-2019	Associate Director, Neonatal-Perinatal Medicine Fellowship Program, Yale University School of Medicine, New Haven, CT
2016-present	Associate Director, NICU GRAD Program, Yale University School of Medicine, New Haven, CT

2016-present            Section Education Liaison, Division of Neonatal-Perinatal Medicine, Yale School of Medicine, New Haven, CT

**Board Certification:**

American Board of Pediatrics, Pediatrics, 2007, recertified 2017  
American Board of Pediatrics, Neonatal-Perinatal Medicine, 2012

**Professional Honors & Recognition**

**International/National/Regional**

2018            Moderator, International Pediatric Simulation Society and Workshops  
2014            Eastern Society for Pediatric Research Poster Session Award  
2013, 2014    New York Times Magazine Physician Rising Star Recognition  
2010            Eastern Society for Pediatric Research Travel Award  
2009            American Academy of Pediatrics Travel Award  
2009            American Academy of Pediatrics Young Investigator Award Finalist  
2006            Eastern Society for Pediatric Research Travel Award

**University**

2018-2020    Yale Pediatric Faculty Honor Roll for Excellence in Resident Teaching and Mentoring  
2011            The Children’s Hospital of Philadelphia’s BRAVO Program “Delivers Excellence” Recognition

**Grants/Clinical Trials History:**

**Current Research Studies**

HIC# 1603017351  
Title: A National Survey of Procedural Experience for Pediatric Residents  
P.I: Christie J. Bruno, DO  
Percent Effort: 2%  
Project Period: 4/11/16-present

**Past Clinical Trials**

Agency: Gerber Foundation  
Title: A Double-Blind, Randomized Clinical Trial of the Effect of Early L-Carnitine Supplementation on Neurodevelopmental Outcomes in Very Preterm Infants  
P.I: Mamta Fuloria  
Percent Effort: 2%  
Project Period: 1/13-12/15

Agency: INO Therapeutics/Ikaria  
Title: Inhaled nitric oxide for the treatment of bronchopulmonary dysplasia(BPD) in preterm infants, requiring mechanical ventilation or positive pressure support on days 5-14  
P.I. Mamta Fuloria, MD  
Percent Effort: 1%  
Project Period: 9/12-5/14

**Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:**

**International/National**

- 2019 Quality and Safety in Children's Health Conference: Transforming Neonatal Intensive Care: Caring for Mom and Baby Together
- 2017 International Pediatric Simulation Society Webinar: "Simulation as a Tool for Teaching Obstetricians Neonatal Resuscitation"

**Regional**

- 2020 PEM Echo Series Webinar, CT American Academy of Pediatrics, "Newborn Delivery Emergencies"
- 2018 Stamford Hospital Obstetrics & Gynecology Grand Rounds, Stamford, CT. "Simulation as a Tool for Teaching Obstetricians Neonatal Resuscitation"
- 2014 Staten Island University Hospital Pediatric Grand Rounds, Staten Island, NY: "Sudden Unexpected Infant Death: SIDS and Unintentional Infant Death."
- 2014 Montefiore Medical Center Pediatric Research Day, Bronx, NY: Work, Life Balance Workshop/Presentation
- 2013 Montefiore Medical Center Pediatric Grand Rounds, Bronx, NY: "Sudden Unexpected Infant Death: SIDS and Unintentional Infant Death."
- 2013 Norwalk Hospital Pediatric Grand Rounds, Norwalk, CT: "Sudden Unexpected Infant Death: SIDS and Unintentional Infant Death."
- 2013 Jacobi Medical Center Pediatric Grand Rounds, Bronx, NY: "Sudden Unexpected Infant Death: SIDS and Unintentional Infant Death."
- 2012 St. Peter's Hospital Pediatric Grand Rounds, New Brunswick, NJ: "Sudden Unexpected Infant Death: SIDS and Unintentional Infant Death."

**Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated with Yale:**

- 2019 International Meeting for Simulation in Healthcare, San Antonio, Texas, Workshop Presentation: "Selecting Leadership Styles to Improve Team Performance." Johnston LJ, French H, Bruno CJ, Glass K, Ades A
- 2019 International Meeting for Simulation in Healthcare, San Antonio, Texas, Poster Presentation: "Physiologic Markers as Surrogates for Stress During Neonatal Simulation" Redmond B, Bruno CJ, Auerbach MA, Johnston LC.
- 2018 International Pediatric Simulation Society, Amsterdam, The Netherlands, Poster Presentation: "The Impact of Telemedicine on Neonatal Resuscitation in the Emergency Department: A Simulation -Based Trial" Couturier K, Whitfill T, Bhatnagar A, Panchal RA, Parker J, Wong AM, Bruno CJ, Auerbach MA, Gross IT.
- 2018 International Pediatric Simulation Society, Amsterdam, The Netherlands, Oral Presentation: "Remediation of the Underperforming Trainee or Provider: A Multidisciplinary Simulation-Based Workshop." Bruno CJ, McBride M, Johnston LC
- 2018 International Pediatric Simulation Society, Amsterdam, The Netherlands, Workshop Presentation: "Selecting Leadership Styles to Improve Team Performance." Johnston LJ, French H, Bruno CJ, Glass K, Johnston LC, Ades A
- 2018 Pediatric Academic Societies Meeting, Toronto, Canada, Poster Presentation: "Pediatric Resident Procedural Experience in the Contemporary Training Environment." Du N, Forson-Dare Z, Sawyer T, Bruno CJ, Johnston LC
- 2018 Eastern Society for Pediatric Research, Philadelphia, Pennsylvania, Poster Presentation:

- “Pediatric Resident Procedural Experience in the Contemporary Training Environment.”  
Du N, Forson-Dare Z, Sawyer T, Bruno CJ, Johnston LC
- 2018 Eastern Society for Pediatric Research, Philadelphia, Pennsylvania, Poster Presentation:  
“Identifying Attitudes, Knowledge Gaps, and Barriers to Providing Neonatal Palliative  
Care in a Level IV NICU.” Kyc S, Bruno CJ, Montgomery A
- 2018 International Meeting for Simulation in Healthcare, Los Angeles, California, Oral  
Presentation: “Selecting Leadership Styles to Improve Team Performance.” Johnston LJ,  
French H, Bruno CJ, Glass K, Sawyer T, Ades A
- 2017 International Pediatric Simulation Society, Boston, Massachusetts, Oral Presentation:  
“What if this... Happens at home?: Preparing Parents & First Responders for Medically  
Complex Emergencies.” Bruno CJ, Kadlec K, Simon T, McCawley N, Johnston LJ
- 2017 International Pediatric Simulation Society, Boston, Massachusetts, Poster Presentation:  
“Simulation for Multidisciplinary Teams Managing Neonates with Complex Cardiac  
Disease” Redmond B, Simmons A, Bruno CJ, Ray J, Johnston LJ
- 2017 International Pediatric Simulation Society, Boston, Massachusetts, Oral Presentation:  
“Remediation of the Underperforming Trainee or Provider: A Multidisciplinary  
Simulation-Based Workshop.” Johnston LJ, Bruno CJ, McBride M, Kadlec K
- 2017 American Thoracic Society, Washington, DC, Poster Presentation: “Safety First: An  
Initiative to Decrease Unplanned Extubations in a Neonatal Intensive Care Unit.” Posner  
M, Holtz-Eakin E, Bango J, Holman E, Linds S, Dunphy L, Della Ventura R, Blazeovich  
B, Ciaburri R, Bruno CJ
- 2017 International Meeting for Simulation in Healthcare, Orlando, Florida, Workshop  
Presentation: “Applying Instructional Design to Simulation-Based Learning.” Jeffers J,  
Bruno CJ, Johnston LC, Burns R, Mangold K, Perretta J, Poling S
- 2016 International Pediatric Simulation Society, Glasgow, Scotland, Workshop Presentation:  
“Simulation at Discharge: Preparing Parents & First Responders for Medically Complex  
Emergencies.” Bruno CJ, Kadlec K, Simon T, McCawley N, Johnston LJ
- 2016 International Pediatric Simulation Society, Glasgow, Scotland, Workshop Presentation:  
“Remediation of the Underperforming Trainee or Provider: A Multidisciplinary  
Simulation-Based Workshop.” Johnston LJ, Bruno CJ, McBride M, Kadlec K
- 2016 International Meeting for Simulation in Healthcare, San Diego, California, Workshop  
Presentation: “Remediation of the Underperforming Trainee or Provider: A  
Multidisciplinary, Simulation-Based Workshop.” Johnston LJ, Bruno CJ, McBride M,  
Kadlec K
- 2016 International Meeting for Simulation in Healthcare, San Diego, California, Workshop  
Presentation: “Applying Instructional Design to Simulation-Based Learning.” Jeffers J,  
Bruno CJ, Johnston LC, Burns R, Mangold K, Perretta J, Poling S
- 2014 Society for Pediatric Research, San Diego, California, Poster Presentation: “Can  
Maternal Serum Biomarkers Be Used as a Screening Tool for Pulmonary Hypertension  
Risk in Patients with Bronchopulmonary Dysplasia?” Bruno CJ, Meerkov M, Capone C,  
Vega M, Sutton N, Kim M, Wang D, Fuloria M
- 2014 Eastern Society for Pediatric Research, Philadelphia, Pennsylvania, Poster Presentation:  
“Are there Specific MRI Differences in Brain Volume at Term Equivalent in Intrauterine  
Growth Restricted Infants who are Born Preterm?” Bruno CJ, Bengani S, Gomes WA,  
Brewer M, Vega M, Xie X, Kim M, Fuloria M
- 2014 International Meeting for Simulation in Healthcare, San Francisco, California, Poster  
Presentation: “Simulation as a Tool for Improving Acquisition of Neonatal Resuscitation  
Skills.” Bruno CJ, Angert R, Rosen O, Lee C, Vega M, Kim M, Yu Y, Bernstein PS,  
Goffman D
- 2013 International Pediatric Simulation Society, New York, New York, Workshop Presentation:

- “Simulation on a dime! Designing your own cost-effective, realistic boot camp for NICU Procedures.” Angert R, Bruno CJ, Gabelman L, Rosen O
- 2013 International Pediatric Simulation Society, New York, New York, Roundtable Presentation: “Potential roles for simulation in the education and evaluation of resident and subspecialty trainees in the Next Accreditation System (NAS).” Johnston LC, Bruno CJ, French H, Glass K, Urban A, Ades A
- 2013 Society for Pediatric Research, Washington, D.C., Poster Presentation: “CRIB Scores as a Tool for Assessing Risk for the Development of Pulmonary Hypertension in Extremely Preterm Infants with Bronchopulmonary Dysplasia.” Bruno CJ, Meerkov M, Capone C, Vega M, Sutton N, Kim M, Wang D, Fuloria M
- 2013 International Meeting for Simulation in Healthcare, Orlando, Florida, Workshop Presentation: “Potential roles for simulation in the education and evaluation of resident and subspecialty trainees in the Next Accreditation System (NAS).” Johnston LC, Bruno CJ, French H, Glass K, Urban A, Ades A
- 2011 American Academy of Pediatrics, Boston, Massachusetts, Poster Presentation: “Intracranial hemorrhage in Term and Near Term Infants.” Bruno CJ, Beslow LA, Witmer CM, Vossough A, Jordan LC, Zelonis S, Licht DJ, Ichord RN, Smith SE
- 2010 Society for Pediatric Research, Vancouver, Canada, Poster Presentation: “Nitric Oxide Counters the Hyperoxia-Induced Pro-Inflammatory Phenotype in Astrocytes.” Bruno CJ, Greco TM, Ischiropoulos H
- 2010 Eastern Society for Pediatric Research, Philadelphia, Pennsylvania, Platform Presentation: “Nitric Oxide Counters the Hyperoxia-Induced Pro-Inflammatory Phenotype in Astrocytes.” Bruno CJ, Greco TM, Ischiropoulos H
- 2009 American Academy of Pediatrics, Washington, D.C., Platform Presentation: “Astrocyte Phenotypic Changes Induced by Hyperoxia and Nitric Oxide.” Bruno CJ, Greco TM, Ischiropoulos H
- 2009 Society for Pediatric Research, Baltimore, Maryland, Poster Presentation: “Astrocyte Phenotypic Changes Induced by Hyperoxia.” Bruno CJ, Greco TM, Ischiropoulos H
- 2009 Eastern Society for Pediatric Research, Philadelphia, Pennsylvania, Platform Presentation: “Astrocyte Phenotypic Changes Induced by Hyperoxia.” Bruno CJ, Greco TM, Ischiropoulos H
- 2006 Eastern Society for Pediatric Research, Old Greenwich, Connecticut, Poster Presentation: “Is There An Association Between Maternal Obesity and Severity of Neonatal Illness in Very Low Birth Weight Infants?” Bruno CJ, Locke R, Mackley A, Paul DA

### Professional Service:

#### Journal Service:

##### Reviewer

- 2019-present Reviewer for *Yale Pediatric Research Forum*
- 2018-present Reviewer for *Journal of Neonatal Perinatal Medicine*
- 2017-present Reviewer for *ONTPD National Neonatal Curriculum Modules*
- 2017-present Abstract Reviewer for *International Pediatric Simulation Society*
- 2017-present Reviewer for *Cureus*
- 2017-present Reviewer for *PLoS One*
- 2015-present Reviewer for *Journal of Perinatology*
- 2014-present Reviewer for *Journal of Pediatric Neurology*
- 2009-present Reviewer for *Journal of Maternal, Fetal, and Neonatal Medicine*

**Professional Service for Professional Organizations:**

- 2017-present Co-Chair, Simulation Based Medical Education Special Interest Group, Academic Pediatric Association
- 2015-present Member, Education Committee, International Pediatric Simulation Society
- 2013-present Member, International Pediatric Simulation Society
- 2007-present Member, Neonatal-Perinatal Section, American Academy of Pediatrics
- 2003-present Member, American Academy of Pediatrics

**Yale University Service:**

***Departmental Committees***

- 2018-present Member, Pediatric Residency Intern Selection Committee, Yale-New Haven Children's Hospital, Department of Pediatrics
- 2017-present Member, Pediatric Residency Clinical Competency Committee, Yale-New Haven Children's Hospital, Department of Pediatrics
- 2016-present Co-Chair, Neonatal-Perinatal Palliative Care Committee, Yale-New Haven Children's Hospital, Department of Pediatrics
- 2016-present Member, Pediatric Residency Program Evaluation Committee, Yale-New Haven Children's Hospital, Department of Pediatrics
- 2016 Member, Search Committee for Neonatologist-Yale-New Haven Hospital at Waterbury, Yale-New Haven Children's Hospital, Division of Neonatology, Department of Pediatrics
- 2016-present Member, Pediatric Simulation Committee, Yale-New Haven Children's Hospital, Department of Pediatrics
- 2016-present Member, NEAR for Neos Committee: A collaborative effort to determine optimal intubation strategies, Yale-New Haven Children's Hospital, Division of Neonatology, Department of Pediatrics
- 2015-present Member, Children's Hospital's Collaborative Neonatology Unplanned Extubation Committee, Yale-New Haven Children's Hospital, Department of Pediatrics
- 2015-present Physician Interviewer, Pediatric Residency Recruitment Program, Yale-New Haven Children's Hospital, Department of Pediatrics
- 2015-present Member, Yale-New Haven Children's Hospital Neonatology Fellowship Program-Program Evaluation Committee, Department of Pediatrics
- 2015-present Member, Yale-New Haven Children's Hospital Neonatology Fellowship Program-Clinical Competency Committee, Department of Pediatrics

***Hospital Committee***

- 2015-present Member, Children's Hospital's Collaborative Unplanned Extubation Committee, Yale-New Haven Children's Hospital

**University Service Not Affiliated with Yale:**

***Departmental Committees***

- 2014-15 Member and Physician Liaison, Montefiore Neonatology Nursing Council Committee for IVH Prevention, Children's Hospital at Montefiore, Department of Pediatrics
- 2013-15 Member and Physician Liaison, Neonatology Family Advisory Council, Children's Hospital at Montefiore, Department of Pediatrics

- 2013-15 Member, Pediatric Residency Promotions Committee, Children's Hospital at Montefiore, Department of Pediatrics
- 2013-15 Co-leader in Simulation and Resuscitation Activities, Division of Neonatal-Perinatal Medicine, Children's Hospital at Montefiore, Department of Pediatrics
- 2012-15 Member, Pediatric Residency Recruitment Committee, Children's Hospital at Montefiore, Department of Pediatrics
- 2012-15 Member, Neonatal-Perinatal Medicine Extracorporeal Membrane Oxygenation Committee, Children's Hospital at Montefiore, Department of Pediatrics
- 2011-15 Member, Neonatal-Perinatal Medicine Fellow Recruitment Committee, Children's Hospital at Montefiore, Department of Pediatrics
- 2011-15 Member, Neonatal-Perinatal Medicine Curriculum Development Committee, Children's Hospital at Montefiore, Department of Pediatrics

### Public Service:

- 2013-present Mentor for two pre-medical students-one high school and one college student
- 2007 March of Dimes, Walk for Babies

### Bibliography:

#### Peer-Reviewed Original Research

1. **Bruno CJ**, Locke R, Mackley A, Paul DA. The association between maternal body mass index and severity of neonatal illness in very low birth weight infants. *J Matern Fetal Neonatal Med* 2009, Jun; 22:560-64.
2. **Bruno CJ**, Greco TM, Ischiropoulos H. Nitric oxide counteracts the hyperoxia-induced proliferation and pro-inflammatory responses of mouse astrocytes. *Free Radic. Biol. Med* 2011, July; 51(2): 474-479.
3. Tenant C, Friedman AM, Pare E, **Bruno C**, Wang E. Performance of lecithin-sphingomyelin ratio as a reflex test for documenting fetal lung maturity in late preterm and term fetuses. *J Matern Fetal Neonatal Med* 2012 Aug; 25(8):1460-62.
4. **Bruno CJ**, Beslow LA, Witmer CM, Vossough A, Jordan LC, Zelonis S, Licht DJ, Ichord RN, Smith SE. Haemorrhagic stroke in term and late preterm neonates. *Arch Dis Child Fetal Neonatal Ed* 2013;0:F1-F6.
5. **Bruno CJ**, Meerkov M, Capone C, Vega M, Sutton N, Kim M, Wang D, Fuloria M. CRIB Scores as a Tool for Assessing Risk for the Development of Pulmonary Hypertension in Extremely Preterm Infants with Bronchopulmonary Dysplasia. *Am J Perinatol* 2015; 32:1031-1037.
6. Johnston LC, Chen R, Whitfill TM, **Bruno CJ**, Levit OL, Auerbach MA. Do you see what I see? A randomized pilot study to evaluate the effectiveness and efficiency of simulation-based training with videolaryngoscopy for neonatal intubation. *BMJ STEL* 2015; doi:10.1136/bmjstel-000031.
7. **Bruno CJ**, Angert R, Rosen O, Lee C, Vega M, Kim M, Yu Y, Bernstein PS, Goffman D. Simulation as a Tool for Improving Acquisition of Neonatal Resuscitation Skills in Obstetric Residents. *J Matern Fetal Neonatal Med* 2016;29(16):2625-9.
8. **Bruno CJ**, Bengani S, Gomes WA, Brewer M, Vega M, Xie X, Kim M, Fuloria M. MRI Differences Associated with Intrauterine Growth Restriction in Preterm Infants. *Neonatology* 2017; 111:317-323.
9. **Bruno CJ**, Johnston L, Lee C, Bernstein PS, Goffman D. Opinions Regarding Neonatal Resuscitation Training for the Obstetric Physician: A Survey of Neonatal and Obstetric Program Directors. *J Matern Fetal Neonatal Med* 2017; DOI:10.1080/1476 7058.2017. 1306052.

10. Johnston LC, Sawyer T, Nishisaki A, Whitfill T, Ades A, French H, Glass K, Dadiz R, **Bruno C**, Levit O, Gangadharan S, Scherzer D, Moussa A, Auerbach MA. Neonatal Intubation Competency Assessment Tool: Development and Validation. *Acad Ped* 2018; pii: S1876-2859(18)30473-X. doi: 10.1016/j.acap.2018.07.008.
11. Couturier K, Whitfill T, Bhatnagar A, Panchal RA, Parker J, Wong AM, **Bruno CJ**, Auerbach MA, Gross IT. Impact of Telemedicine on Neonatal Resuscitation in the Emergency Department: A Simulation-Based Randomised Trial. *BMJ Simulation and Technology Enhanced Learning* 2018. doi: 10.1136/bmjstel-2018-000398.
12. Kandil SB, Emerson BL, Hooper M, Ciaburri R, **Bruno CJ**, Cummins N, DeFilippo V, Blazeovich B, Loth A, Grossman M. Reducing Unplanned Extubations Across a Children's Hospital Using Quality Improvement Methods. *Pediatr Qual Saf* 2018;3:e114.
13. Kumar D, Vachharajani AJ, Wertheimer F, Vergales B, Glass K, Dannaway D, Winter L, Delaney H, Ganster A, Arnold J, Urban A, Johnston L, **Bruno C**, Gray MM, Sawyer T. Boot camps in neonatal-perinatal medicine fellowship programs: A national survey. *J Neonatal Perinatal Med* 2019 Feb 23. Doi:10.3233/NPM-18117.
14. Kyc SJ, **Bruno CJ**, Shabanova V, Montgomery AM. Perceptions of neonatal palliative care: Similarities and differences between medical and nursing staff in a level IV neonatal intensive care unit. *J Palliat Med* 2019 Dec 5 doi:10.1089/jpm.2019.0523.
15. Redmond B, Joseph M, Ray J, Shabanova V, Gross I, **Bruno C**, McPadden J, Auerbach M, Johnston L. Stress as Tool or Toxin: Physiologic Markers and Subjective Report in Neonatal Simulation. *Pediatr Research* 2020 Feb 11. doi: 10.1038/s41390-020-0806-9

### Chapters, Books, Reviews

16. **Bruno CJ** & McCarthy, E. (2015). Assisted Reproductive Technologies, Multiple Births, and Pregnancy Outcomes. In DE Campbell (Editor), Neonatology for Primary Care (72-85). Elk Grove Village, IL: American Academy of Pediatrics.
17. **Bruno CJ**, Havranek T. Screening for Critical Congenital Heart Disease in Newborns. In Advances in Pediatrics 2015; 62:211-226.
18. **Bruno CJ**, Glass K. Cost-effective and low technology options for Simulation & Training in Neonatology. In Semin Perinatol 2016;40(7):473-479.
19. Johnston L, Lee D, **Bruno C**. The Critical Role of Simulation in ECMO Education. In Johnston L & Su L, (Eds). ECMO Simulation: A Theoretical and Practical Guide. Springer; New York, NY.; 2019.
20. **Bruno CJ**, Pyle A, Pollack S. (2020). Assisted Reproductive Technologies, Multiple Births, and Pregnancy Outcomes. In DE Campbell (Editor), Neonatology for Primary Care, 2<sup>nd</sup> Edition. Elk Grove Village, IL: American Academy of Pediatrics.

### Peer-Reviewed Educational Materials

21. Rosen O, Campbell D, **Bruno C**, Gabelman L, Goffman D, Angert R. Low Cost Easy to Assemble Neonatal Procedural Trainers: Chest Tube, Pericardiocentesis and Exchange Transfusion. *MedEdPORTAL*;2014:[www.mededportal.org/publication/9787](http://www.mededportal.org/publication/9787)
22. Alphonso A, Pathy S, **Bruno C**, Boeras C, Emerson B, Crabtree J, Johnston L, Desai V, Auerbach A. Shoulder Dystocia and Neonatal Resuscitation: An Integrated Obstetrics & Neonatology Simulation Case for Medical Students. *MedEdPORTAL*;2017;13:10594. [https://doi.org/10.15766/mep\\_2374-8265.10594](https://doi.org/10.15766/mep_2374-8265.10594)
23. Johnston L, **Bruno CJ**. Surfactant. Neonatology Flip Classroom Training. Minute CE 2017
24. **Bruno CJ**. A Case of Neonatal Apnea and Seizures. Organizational of Neonatal Training Program Directors National Neonatal Simulation Curriculum 2020 published on American Academy of Pediatrics website.

**Case Reports, Technical Notes, Letters**

25. **Bruno CJ**, Smith LP, Zur KB, Wade KC. Congenital Subglottic Cyst in a term neonate. *Arch Dis Child Fetal Neonatal Ed* 2009 Jul; 94(4):F240.
26. **Bruno CJ**, Binenbaum G, Forbes BJ, Snyder M, Mollen TJ, Schmidt B, Peterside I. Periocular Ulcerative Dermatitis Associated with Gentamicin Ointment Prophylaxis in Newborns. *J Peds* 2010 Feb;156: 320-321.
27. Velazquez DM, Ovchinsky N, Taragin B, **Bruno CJ**. Neonate with Cholestasis, Thrombocytopenia, and Hypoglycemia. *NeoReviews* 2016; 17:e406.

**Scholarship In Press**

28. Ades A, **Bruno CJ**, Johnston LC. Neonatal Boot Camps. In L Soghier & B Robin(Ed), Neonatal Simulation Guidebook, American Academy of Pediatrics. *In press*.
29. **Bruno CJ**, Glass K. Exchange Transfusion. In L Soghier & B Robin(Ed), Neonatal Simulation Guidebook, American Academy of Pediatrics. *In press*.
30. Simmons A, Otero-Luna A, Redmond B, Fahey J, Beach C, **Bruno CJ**, Johnston L. Neonatal Cardiac Emergencies: A Multidisciplinary Simulation Curriculum for Neonatology and Pediatric Cardiology Fellows. MedEdPORTAL; 2020 *under revision*.