

## Lamia Soghier MD, Curriculum Vitae

### Pediatrics- Neonatology

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#### Undergraduate Education

1994 Diploma in Medicine, MBChB degree , University of Alexandria, Egypt  
Graduated with Honors

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#### Graduate Medical Education

1994 Diploma in Medicine and Surgery, (MBChB), University of Alexandria, Egypt - Graduated with Honors  
2001 Masters Degree in Pediatrics, University of Alexandria, Egypt  
2013 Graduate Certificate in Educational Leadership, George Washington University - Graduate School of Education and Human Development, Washington, DC  
2013 - Present Master Degree in Education, George Washington University - Graduate School of Education and Human Development, Washington, DC  
2015 Certified Healthcare Simulation Educator (CHSE)- Society for Simulation in Healthcare

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#### Postgraduate Training

1995 – 1996 Rotating intern - Alexandria University Children’s Hospital, University of Alexandria, Egypt  
1996 – 1999 Pediatric Resident - Alexandria Children’s Hospital ,University of Alexandria, Egypt  
7/01 – 10/2001 Pediatric Resident -S.U.N.Y. Upstate Medical Center, Syracuse, NY  
2002 – 2005 Fellow - Neonatal-Perinatal Medicine, Montefiore Medical Center, Albert Einstein College of Medicine, NY  
2005 – 2007 Pediatric Resident - Children’s Hospital of Philadelphia, PA

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#### Employment (Chronological Order)

March - September 1996 Primary Care Physician in Egyptian Ministry of Health Hospitals and Family Health Care Clinics in Alexandria, Egypt  
Oct 99 - Oct 2001 Attending Physician and Clinical Demonstrator - Neonatology unit and Pediatric department, University of Alexandria, Egypt  
October 01 -July 2002 Attending Physician and Assistant Lecturer - Neonatology unit and Pediatric Department, University of Alexandria, Egypt.  
July 2007 - 2012 Attending Physician- Division of Neonatology, Department of Pediatrics - Montefiore Medical Center, Bronx NY and Assistant Professor of Pediatrics - Albert Einstein College of

Medicine, Bronx, NY

Feb 2012- present Attending neonatologist at Children's National Medical Center and Assistant Professor of Pediatrics - George Washington University, School of Medicine and Health Sciences, Washington, DC

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## Professional Registrations, Licenses, Certifications (include dates of receipt)

2007 Board Certification in Pediatrics - American Board of Pediatrics- General Pediatrics

2008 Board Certification in Neonatology - American Board of Pediatrics- Neonatology

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## Society Membership

American Academy of Pediatrics, Perinatal section 2002- present

Society for Simulation in Health Care - 2009- present

SOICH-AAP 2009- present

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## Honors & Awards

- Honors student for maintaining A grade throughout 6 years of medical training
  - Medical school distinction for being one of the top ten students. Ranked 7th in class of 500
  - Senior Pediatric Resident in Alexandria University Childrens Hospital 98-99
  - Consensus Conference Scholarship, Woodland, TX, 10/02, Pediatric Medical Group, Inc for submission entitled " Could anti-inflammatory agents decrease white matter injury in preterm premature rupture of membranes (PPROM) and/or chorioamnionitis?"
  - New York Perinatal Society, 26th Annual Scientific Meeting 5/20/2003. Basal Ganglia Hyperechogenicity (BGH) in Preterm Infants won 3rd Prize
  - Parvis Lalezari Award for Research Excellence- Montefiore Medical Center 2/6/2004-Basal Ganglia Hyperechogenicity (BGH) in Preterm Infants. Won 4th Prize
  - Travel Award from the American Academy of Pediatrics for the abstract: L Soghier, K Aref, M Koenigsberg, J Bello, J Romano, T Hoffman, LP Brion. Basal Ganglia Hyperechogenicity in Preterm Infants. Poster Presentation at American Academy of Pediatrics, San Francisco, CA. 10/9/04
  - PAS Young Investigator's Travel Award from the Society for Pediatric Research for the abstract: L Soghier, D Goldman. A Rat model of Neonatal Candidiasis. Oral presentation at Society for Pediatric Research , Washington DC 5/14/2005
  - 14th International Meeting on Simulation in Health Care- Award Winning Technology and Innovation Abstract - Soghier L, Lei W, Burd R, Hahn J. Computer-Based Quantitative Assessment of Learner Performance during Neonatal Endotracheal Intubation: A Pilot Study (Original Submission #1385, Poster Board #541)- 4th place overall
  - Nominee for Elda Arce Teaching Award 2014
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## Administrative Duties & University Activities

Administrative Duties:

Co-director of Neonatal Simulation/NRP at Children's Hospital at Montefiore 2007-2012

Director of Education- Department of Neonatology- Children's National Medical Center -June 2012- present

Co-director of Neonatal Simulation at Children's National Medical Center 2012- present

Medical Unit Director and Quality and Safety Officer- Neonatal Intensive Care Unit- CNMC 1/15/2013- present

Committee Membership:

Member of Residency Selection Committee at CNMC 2011-present

Member of the Children's Academy of Pediatric Educators (CAPE) - Children's National Medical Center - 2013- present

Member of Pharmacy and Therapeutics committee at CNMC 2013- present  
 Member of Medical Credentialing Committee at CNMC 2014  
 Member of the Steering/Curriculum Committee for the 25th Annual Pediatric Board Review Course Jan 2015- present  
 Member of the Education Committee for the Society for Simulation in Health Care October 2016- present  
 Member of the Hospital Grand Rounds Committee 2015- present

Site Co-Investigator :

COIN trial. Morley CJ, Davis PG, Doyle LW, PIs. Kaimakamis M, Trial Coordinator. Brion LP, North American Investigator /Collaborator/Coordinator. Vega M, Coordinator and Co-investigator. Aponte C, Nafday SM, Raab C, Rosen O, Campbell DE, Reinersman GT, Scheiner M, Shatzkin E, Sisman J, Soghier L, Uko S, Vega M, Vega-Rich C, Site Co-Investigators. Nasal CPAP or intubation for very preterm infants at birth. A randomized controlled trial. The COIN trial. Funded by the NHRMC, Australia. IRB protocol 1200106117, MMC assurance # M106201- Published .  
 Participant in Center for Advanced Pediatric and Perinatal Education - Medical Simulation Instructor Course - Stanford CA 10/2009

Site Co-investigator : iNO trial 2010

Site Principal Investigator: Safety of Furosemide in premature infants at risk of Bronchopulmonary Dysplasia- NICHD- Pediatric Trials Network 2015

Reviewer:

Reviewer - Journal of Perinatology :2007- present  
 Reviewer - Italian Journal of Pediatrics 01/2011- present:  
 Grant Reviewer FDA- Office of orphan drug product development 2012- Present  
 Expert reviewer for the George Washington University IRB 2013 - present  
 Reviewer for Academic Medicine- 2013- present  
 Reviewer for International Meeting of Simulation in Healthcare (IMSH) Conference - Society for Simulation in Health Care 2015- present

## **Educational Achievements (include dates of participation for all categories)**

Neonatal Resuscitation Program (NRP)- Instructor 2007-2010  
 NRP- Regional Trainer 2010- present  
 Helping Babies Breathe (HBB) - Master Trainer 2009  
 Faculty Instructor -Fellow Simulation Day- Children's National Medical Center Washington DC 11/16/2012  
 Faculty instructor at Regional Simulation Boot camp for Neonatology fellows at CHOP 7/19-20/2013- 2015  
 Faculty Instructor - The Learning Scenario: A 3 act Play: Producing and Directing Learning Events for a Medical Audience: Act I Scripting and Staging : 4th Annual regional DC/MD/VA Pediatric Emergency Medicine Fellows Conference - Inova Fairfax Hospital- VA 11/7/2013  
 Faculty Instructor- Intern OSCE at Children's National Medical Center - May 2014  
 Faculty Instructor- CN Difficult airway Workshop 7/2015  
 Faculty presenter- Pediatric Board Review Course- CNMC- 8/2015

## **Grants Awarded or Pending (include all dates)**

Global Health Micro-grant: Improving Resuscitation of Newborns in Egypt-Office of Global Health-Albert Einstein College of Medicine, Bronx NY- 1/2010- 3/2012.

Board of Visitors grant: Storz Video Laryngoscope for Difficult Intubations of Newborns in the Neonatal Intensive Care Unit (NICU)- Children's National Medical Center, Washington DC- 7/1/2012 - 6/31/2013

PCORI: Parent Navigator post discharge from NICU: Co-investigator- Children's National Medical Center- \$2million- Jan 2015-2018

## Publication - Book Chapter

Soghier L. Miscellaneous values. In: Kamat, DM, Adam HM, Cain KK, Campbell DE, Holston AH, KJ Kelleher, Leu MG, McNerny TK, Soghier LM, Wolraich ML, Wood BP. *Quick Reference Guide to Pediatric Care*. Elk Grove Village, IL: American Academy of Pediatrics; 2010: .

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## Peer Reviewed Publications

Mohamed SM, Abdou MO, Assem HM, Moustafa TM, Soghier LM. Anticardiolipin antibodies in children with insulin-dependent diabetes mellitus. *Metabolism*. 2002 Sep;51(9):1148-52.

Levin T, Soghier L, Nafday S, Vega-Rich C, Blitman N. Megacystis microcolon intestinal hypoperistalsis and prune belly-Related syndrome? *Pediatr Radiol*. 2004 Dec;34(12):995-8. Epub 2004 Jul 31.

Uko S, Soghier L, Vega M, Marsh J, Reinersman G, Herring L, Dave V, Nafday S, Brion L. Targeted short-term fluconazole prophylaxis in very low birth weight and extremely low birth weight infants. *Pediatrics*. 2006 Apr;117(4):1243-52.

Soghier LM, Vega M, Aref K, Reinersman GT, Koenigsberg M, Kogan M, Bello J, Romano J, Hoffman T, Brion LP. Diffuse Basal Ganglia or Thalamus Hyperechogenicity in Preterm Infants. *J Perinatol*. 2006 Apr;26(4):230-6.

Soghier LM, Brion LP. Cysteine, cystine or N-acetylcysteine supplementation in parenterally fed neonates. *Cochrane Database Syst Rev*. 2006 Oct 18;(4):CD004869.

Soghier LM, Brion LP. Multivariate analysis of hyperglycemia in extremely low birth weight infants. *J Perinatol*. 2006 Dec;26(12):723-5.

Janow G, Lambert B, Scheiner M, Rosen O, Goldman DL, Soghier L. Leuconostoc septicemia in a preterm neonate on vancomycin therapy: Case report and literature review. *Am J Perinatol*. 2009 Jan;26(1):89-91. Epub 2008 Nov 21.

Brion LP, Bell EF, Raghuvver TS, Soghier L. What is the appropriate intravenous dose of vitamin e for very-low-birth-weight infants? *J Perinatol*. 2004 Apr;24(4):205-7.

Soghier L, Tofra D, Long C, Nosanchuk JD, Gacser A, Goldman DL. A Rat Model of Neonatal Candidiasis Demonstrates the Importance of Lipases as Virulence Factors for *Candida albicans* and *Candida parapsilosis*. *Mycopathologia*. 2011 Jun 12.

Haubner L, Johnston L Barry J, Soghier L, Tatum P, Kessler D, Downes K, Auerbach M. Neonatal Intubation Performance: room for improvement in tertiary neonatal intensive care units. *Resuscitation*. 2013 Apr 3.

CDC. Notes from the field: zinc deficiency dermatitis in cholestatic extremely premature infants after a nationwide shortage of injectable zinc-Washington, DC, December 2012. *MMWR* 2013;62:136-7.

Ruktanonchai D, Lowe M, Norton SA, Garret T, Soghier L, Weiss E, Hatfield J, Lapinski J, Abrams S, Barfield W; EIS officers, CDC. Zinc Deficiency-Associated Dermatitis in Infants During a Nationwide Shortage of Injectable Zinc - Washington, DC, and Houston, Texas, 2012-2013. *MMWR Morb Mortal Wkly Rep*. 2014 Jan 17;63(2):35-7.

Sawyer T, French H, Soghier L, Barry J, Johnson L, Anderson J, Ades A. Boot Camps for Neonatal-Perinatal Medicine Fellows. *Neoreviews* 2014;15 e46-e55.

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## Book Chapters

Revenis ME, Soghier L. Intraosseus Infusions . In *Atlas of Procedures in Neonatology*, 5th edition. MacDonald MG, Ramasetu J, Rais-Bahrami K eds. Wolters Kluwer / Lippincott, Williams & Wilkins,

Philadelphia, 2012

Soghier L, Pham K, Rooney S. Reference Range Values for Pediatric Care, 1st edition. Soghier (editor). AAP Bookstore, Elk Grove, Illinois, 2014.

Andescavage NN, Berkowitz D, Soghier L. Neonatal Emergencies. In Fleisher & Ludwig's Textbook of Pediatric Emergency Medicine, 7th edition. Bachur R, Shaw K, Chamberlain J eds. Lippincott, Williams & Wilkins, Philadelphia, 2015 [in press]

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## Abstracts

L Soghier, K Aref, M Koenigsberg, J Bello, J Romano, T Hoffman, LP Brion. Basal Ganglia Hyperechogenicity (BGH) in Preterm Infants. Oral presentation at Young investigators Symposium, Montefiore Medical Center 2/6/2004.

L Soghier, K Aref, M Koenigsberg, J Bello, J Romano, T Hoffman, LP Brion Basal Ganglia Hyperechogenicity (BGH) in Preterm Infants. Oral presentation at New York Perinatal Society, 26th Annual Scientific Meeting, NY. 5/20/2003.

L Soghier, K Aref, M Koenigsberg, J Bello, J Romano, T Hoffman, LP Brion. Basal Ganglia Hyperechogenicity (BGH) in Preterm Infants. Poster Presentation at Eastern Society for Pediatric Research, Greenwich, CT. 3/26/2004..

L Soghier, K Aref, M Koenigsberg, J Bello, J Romano, T Hoffman, LP Brion. Basal Ganglia Hyperechogenicity in Preterm Infants. Poster Presentation at American Academy of Pediatrics, San Francisco, CA. 10/9/04.

L Soghier, D Goldman. A Rat model of Neonatal Candidiasis. Oral presentation at Eastern Society for Pediatric Research, Greenwich, CT. 3/6/2005.

S Uko, V Dave, L Soghier, S Nafday, G Reinersman, L Herring, L Brion. Short Course of Fluconazole Prophylaxis in Very Low Birth Weight Infants. Oral presentation at Eastern Society for Pediatric Research, Greenwich, CT. 3/6/2005.

L Soghier, D Goldman. A Rat model of Neonatal Candidiasis. Oral presentation at Society for Pediatric Research, Washington DC 5/14/2005.

S Uko, V Dave, L Soghier, S Nafday, G Reinersman, L Herring, L Brion. Short Course of Fluconazole Prophylaxis in Very Low Birth Weight Infants. Poster Presentation at Society for Pediatric Research Washington DC 5/14/2005.

Soghier L, Brion LP. Cysteine supplementation in parenterally fed neonates. (Cochrane Protocol). Poster Presentation at Eastern Society for Pediatric Research, Greenwich CT 3/17/2006.

Soghier L, Brion LP. Cysteine supplementation in parenterally fed neonates. (Cochrane Protocol). Poster Presentation at Society for Pediatric Research, San Francisco CA 5/2/2006.

Soghier L, Tofra D, Long C, Nosanchuk JD, Gacser A, Goldman DL. Lipases as virulence factors in *Candida albicans* and parapsilosis infection in a neonatal rat model of invasive candidiasis. Platform Presentation at Eastern Society for Pediatric Research, Philadelphia. PA 3/23/2011.

Soghier L, Moshe S, Galanopoulou A. Behavioral and neurodevelopmental changes in a neonatal rat model of inflammation and global hypoxia - Dual Hit Model Platform Presentation at Eastern Society for Pediatric Research, Philadelphia. PA 3/23/2011.

Soghier L, Tofra D, Long C, Nosanchuk JD, Gacser A, Goldman DL. Lipases as virulence factors in *Candida albicans* and parapsilosis infection in a neonatal rat model of invasive candidiasis. Poster Presentation at Pediatric Academic Societies meeting, Denver, CO 5/2011.

Tatum P, Haubner L, Auerbach M, Soghier L, Barry J, Johnston L, White MJ. Pediatric Resident Neonatal Intubation Success Rates Do Not Improve with Current Airway Education Methods: An Examination of Baseline Data for a Simulation-based Educational Intervention. Poster Presentation at the International Pediatric Simulation Symposia and Workshops, Toulouse, France 10/26/2011.

Tatum P, Haubner L, Auerbach M, Soghier L, Barry J, Johnston L, White MJ. Pediatric Resident Neonatal Intubation Success Rates Do Not Improve with Current Airway Education Methods: An Examination of Baseline Data for a Simulation-based Educational Intervention. Poster Presentation at the International meeting on Simulation in Healthcare, San Diego, CA 1/29/2012.

Ghazirad M, Soghier L, Song X. Central Line Associated Blood Stream Infections (CLABSI) In Neonates: A Comparison of Tunneled, Peripherally Inserted and Umbilical Lines. Platform Presentation at AAP National Conference and Exhibition, New Orleans, LO 10/2/2012.

Ghazirad M, Soghier L, Song X. Central Line Associated Blood Stream Infections (CLABSI) In Neonates: A Comparison of Tunneled, Peripherally Inserted and Umbilical Lines. Poster Presentation at Eastern Society for Pediatric Research, Philadelphia. PA 3/22/2013.

Ghazirad M, Soghier L, Song X. Central Line Associated Blood Stream Infections (CLABSI) In Neonates: A Comparison of Tunneled, Peripherally Inserted and Umbilical Lines. Poster Presentation at Pediatric Academic Societies meeting Washington, DC. 5/3/2013.

Soghier L, Lei W, Burd R, Hahn J. Computer-based Quantitative Assessment of Learner Performance during Neonatal Endotracheal Intubation: A Pilot Study. International Meeting on Simulation in Healthcare (IMSH 2014), San Francisco- 1/25-29/2014. Poster Presentation

Soghier L, Lei W, Burd R, Hahn J. Computer-based Quantitative Assessment of Learner Performance during Neonatal Endotracheal Intubation: A Pilot Study. International Meeting on Simulation in Healthcare (IMSH 2014), San Francisco 1/28/2014. Oral Presentation in Award Winning Technology and Innovation Session - 3th place overall

Fratantoni K, Waters D, Tuchman L, Jiggetts M, Soghier L. Understanding the Needs of Families after NICU Discharge to Inform the NICU Parent Navigator Intervention. Research and Education Week, CNHS, 4/ 2016. Poster Presentation

Fratantoni K, Tuchman L, Jiggetts M, Soghier L. Training Parent Navigators to Provide Peer Support for Parents after NICU Discharge. Research and Education Week, CNHS, 4/ 2016. Poster Presentation

Tiedemann LM, Soghier L, McCarter R, Miller MM. Neonatal Intensive Care Unit (NICU) Management during Treatment for Type 1 Retinopathy of Prematurity and Eye Outcomes. Research and Education Week, CNHS, 4/ 2016. Poster Presentation.

Tiedemann LM, Soghier L, McCarter R, Miller MM. Neonatal Intensive Care Unit (NICU) Management during Treatment for Type 1 Retinopathy of Prematurity and Eye Outcomes. Eastern Society for Pediatric Research, Philadelphia PA 3/ 2016. Poster Presentation.

Tiedemann LM, Soghier L, McCarter R, Miller MM. Neonatal Intensive Care Unit (NICU) Management during Treatment for Type 1 Retinopathy of Prematurity and Eye Outcomes. Pediatric Academic Society Meeting, Baltimore, MD 5/ 2016. Poster Presentation.

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## Regional Presentations

Pediatric Alumni Day - workshop- CHAM 09/2007: Post-discharge care of NICU graduate

Grand Rounds Norwalk Hospital CT 05/2008 : Post-discharge care of NICU graduate

Grand Rounds Stamford Hospital CT 05/2008 : Post-discharge care of NICU graduate

Bronx Perinatal Health Forum - 3/24/2010: Feeding issues in the Late Preterm.

Grand Rounds St Barnabas hospital, Bronx, NY - 5/2010: Selective Head Cooling with Mild systemic hypothermia in neonates.

Global Health Week- Panel Discussion- Albert Einstein College of Medicine, Bronx, NY. 3/8/2011

Neonatal Training in the Current Era of Medical Simulation. Grand Rounds Children's National Medical Center Washington DC 3/21/2012

5 Ways to improve Small Group Teaching. Grand Rounds Children's National Medical Center, Washington DC 11/20/2013

Airway Workshop - CNMC May 21st 2014

Soghier L, Chapman J. Case of acute abdomen in ex premie. Professiorial Rounds, Children's National Medical Center, Washington DC 9/4/2014

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## **National/International Presentations**

Fourth Annual Conference of Department of Pediatrics -University of Alexandria Egypt 10/2000 "Insulin and the Pediatric population"

Basal Ganglia Hyperechogenicity (BGH) in Preterm Infants. L Soghier, K Aref, M Koenigsberg, J Bello, J Romano, T Hoffman, L Brion . Eastern Society for Pediatric Research, Greenwich, CT. 4/2003. Oral presentation. Discussant in meet the professor

aEEG basics- Lecture- Division of Neonatology, Department of Pediatrics -University of Alexandria, Egypt 05/2010

Nutritional Support of Preterm Newborn - Lecture- Division of Neonatology, Department of Pediatrics -University of Alexandria, Egypt 05/2010.

Neonatal Resuscitation workshops. Division of Neonatology, Department of Pediatrics -University of Alexandria, Egypt 05/2010

Fungal Prophylaxis: Do we need to worry?- 8th Annual Conference of Benha Children's Hospital- Alexandria- Egypt 2011

Air Leak Syndromes- Post Conference Workshop- Benha Children's Hospital - Benha Egypt 2011

ECMO Simulation Workshop: International Meeting on Simulation in Healthcare- San Diego CA 1/29/2012

ECMO Simulation Workshop: 28th Annual Children's National Symposium : ECMO AND THE ADVANCED THERAPIES FOR RESPIRATORY FAILURE, Keystone, ColoradoECMO Conference- Keystone Colorado - 03/2012

ROP- Please help me see! - Virginia Society for Respiratory Care Pediatric/Neonatal Conference 2013- Mary Washington Hospital - September 27th 2013

Reference Range Values for Pediatric Care- The Hospital for Sick Children- Washington DC - April 9th 2014

Translating Research into Care: A model demonstrated by the neonate infant thermoregulation study- Expert Panel- Children's national Nursing research day - April 11th 2014

The P-LHET - An easy alternative to Kern's six-step approach.Workshop. International Meeting on Simulation in Healthcare- New Orleans LA 1/13/2015

Antimicrobial therapy in low resource environments- The 2nd International Neonatology Conference of Egypt - Cairo, Egypt April 18-20th 2015

Bedside Pulmonary Graphics for the Neonatologist - Pre-conference Workshop- The 2nd International Neonatology Conference of Egypt - Cairo,Egypt April 15-17th 2015

Neonatal X-Ray workshop- Pre-conference Workshop- The 2nd International Neonatology Conference of Egypt - Cairo,Egypt April 15-17th 2015

Parenteral Nutrition in Neonates- Workshop - The 2nd International Neonatology Conference of Egypt - Cairo, Egypt April 18-20th 2015

Calcium metabolism abnormalities in Neonates - The 2nd International Neonatology Conference of Egypt - Cairo, Egypt April 18-20th 2015

Neonatal Simulation Workshop- Pediatric Hospitalists Conference- San Antonio TX 7/2015

Soghier, Owens, Robin. The PLHET - An easy alternative to Kern's six-step approach. Workshop. International Meeting on Simulation in Healthcare (IMSH). San Diego 1/2016.

Assessment and Evaluation of ECMO simulations- Preconference workshop - 32nd Annual Children's National Symposium : ECMO AND THE ADVANCED THERAPIES FOR RESPIRATORY FAILURE , Keystone, Colorado - 03/2016

Robin, Soghier, Owens. Developing, Designing and Conducting an Effective Workshop -8th International Pediatric Simulation Symposia and Workshop Glasgow, UK, 9-11 May 2016

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## **Service to Community**

Advocacy for zinc shortage for parenteral nutrition 2012-2013 - Washingtonian article

Advocacy Summit - Save the Children May 2013- encouraging congress to support aid for global immunization programs