

LILLIAN SU, MD

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Updated: 10.18.2018

EDUCATION

8/1992- 6/1996 Cornell University, Ithaca, NY
B.A. awarded in Biology and Society in 5/1996

8/1996- 5/2000 Temple University School of Medicine, Philadelphia, PA
M.D. awarded in 5/2000

POST-GRADUATE TRAINING

6/2000- 6/2001 Intern in Pediatrics. Cedars-Sinai Medical Center, Los Angeles, CA

7/2001- 6/2003 Resident in Pediatrics. Cedars-Sinai Medical Center, Los Angeles, CA

6/2004-6/2007 Fellow in Pediatric Critical Care Medicine. Children's Hospital of Pittsburgh, Pittsburgh, PA

7/2007- 6/2008 Senior Fellow in Cardiac Critical Care Medicine. Children's Hospital of Philadelphia, Philadelphia, PA

PROFESSIONAL EDUCATION

8/2010- 8/2010 Participant, Comprehensive Instructor Workshop, Institute for Medical Simulation, Boston, MA

9/2012- 9/2012 Participant, Design Thinking Boot Camp, Stanford University Graduate School of Business Executive Education, Palo Alto, CA

BOARD CERTIFICATIONS

2003 American Board of Pediatrics

2008 American Board of Pediatrics, Critical Care

PROFESSIONAL EMPLOYMENT

8/1999- 6/2000	Instructor in Anatomy, Physiology, Microbiology, and Pathology. Princeton Review, Philadelphia, PA and Santo Domingo, Dominican Republic
10/2003- 6/2004	Staff physician. Division of Emergency Medicine. Children's Hospital Los Angeles, Los Angeles, CA
8/2008- 12/2016	Attending. Cardiac Intensive Care. Division of Critical Care Medicine. Children's National Medical Center, Washington, DC
7/2009- 7/2014	Critical Care Director. Board of Visitors Simulation Program. Children's National Medical Center, Washington, DC
5/2013- 12/2016	Assistant Professor of Pediatrics. George Washington University School of Medicine, Washington, DC
7/2014- 12/2016	Medical Director. Board of Visitors Simulation Program. Children's National Medical Center, Washington, DC
1/2017-present	Medical Director. Simulation Program of the Heart Center at Lucile Packard Children's Hospital at Stanford University, Palo Alto, CA
1/2017-present	Clinical Assistant Professor of Pediatrics. Stanford University School of Medicine, Palo Alto, CA

AWARDS

Fellow of the Year- Children's Hospital of Pittsburgh 2006

Outstanding Intensivist Award- Children's Hospital of Pittsburgh, 2007

Abstract Awardee- Pediatric Critical Care Colloquium 2012
 "Beyond Leadership: Creating High Performance Medical Teams" - platform presentation.

Abstract Awardee- Children's National Medical Center 2013 Research Week
 "Beyond Leadership: Creating High Performance Medical Teams."

Abstract Awardee- American Federation for Medical Research 2013
 "Exposure of Pediatric Cardiac Surgery Patients Undergoing Cardiopulmonary Bypass to DEHP."

Semi-finalist- National Board of Medical Examiners Centennial Prize Competition

“Identifying the Attributes Predictive of Team-Related Performance in Medical Contexts.”

Aspen Ideas Festival Spotlight Health Scholar 2015

Nominated by the leadership at Children’s National Health System and selected by the Chief Executive Officer.

AAMC Early Career Women Faculty Professional Development Seminar Participant 2015

Selected by former attendees at Children’s National Health System.

PEER- REVIEWED PUBLICATIONS (Original Research)

1. **Su L**, Spaeder M.C, Jones, M, Sinha, P, Nath D, Jain P, Berger J, Williams L, Shankar V. “Implementation of an ECPR Simulation Program Reduces ECPR Times in Real Patients.” 2014 *Pediatric Critical Care Medicine* 15(9):856-60.

2. Costello JP, Olivieri LJ, **Su L***, Krieger A, Alfares F, Thabit O, Marshall MB, Yoo S, Kim PC, Jonas RA, Nath DS. “Incorporating Three-dimensional Printing into a Simulation-based Congenital Heart Disease and Critical Care Training Curriculum for Resident Physicians.” 2014 *Congenital Heart Disease* (Article first published online: 11 NOV 2014 | DOI: 10.1111/chd.12238)

* *Responsible for the design and execution of the simulations for the study. Facilitated all of the simulations, reviewed and edited the paper.*

3. **Su L**, Waller M, Kaplan S, Watson A, Jones M, Wessel D. “Cardiac Resuscitation Events: One Eyewitness is Not Enough.” 2015 *Pediatric Critical Care Medicine*; 16: 335-342.

4. Olivieri LJ, **Su L**, Hynes CF, Krieger A, Alfares FA, Ramakrishnan K, Zurakowski D, Marshall MB, Kim PCW, Jonas RA, Nath DS. “Just-in-time training using 3D printed cardiac models after congenital cardiac surgery.” 2016 *World Journal for Pediatric and Congenital Heart Surgery* 7(2): 164-68.

**Responsible for the design and execution of the simulations used in the just-in-time training. Facilitated the simulations, reviewed and edited the paper.*

5. **Su L**, Kaplan S, Burd R, Winslow C, Hargrove A, Waller M. “Trauma resuscitation: Can team behaviors in the pre-arrival period predict resuscitation performance?” *BMJ Stel* Published Online First: 20 February 2017. doi:10.1136/bmjstel- 2016-000143

6. Siems A, Tomaino E, Watson A, Spaeder M, **Su L**.” Improving quality in measuring time to initiation of CPR during in-hospital resuscitation.” *Resuscitation* <http://dx.doi.org/10.1016/j.resuscitation.2017.06.018>

8. Olivieri LJ, Zurakowski D, Ramakrishnan K, **Su L***, Alfares FA, Irwin MR, Heichel J, Krieger A, Nath DS. “Novel, 3D display of heart models in the postoperative care setting improves CICU caregiver confidence.” *World J Pediatr Congenital Heart Surg*. 2018 Mar; 9(2): 2016-213. doi: 10.1177/2150135117745005

**Responsible for the participating in the design of the study as well as creating the content for the 3D display. In addition, I edited the final manuscript.*

9. Olson M, Helfenbein E, **Su L***, Berg M, Knight L, Troy L, Sacks L, Sakai D, Su F. “Variability in the time to initiation of CPR in continuously monitored pediatric ICUs.” *Resuscitation*. 2018 June;127: 95-99.

**Responsible for the revision in study design and methods, reviewing results as well editing the final draft.*

PEER- REVIEWED PUBLICATIONS (OTHER)

1. **Su L**, Munoz R. “Isn’t It the Right Time to Address the Impact of Pediatric Cardiac Critical Care Units on Medical Education?” 2007 *Pediatrics* 120(4):e1117-9.

2. **Su L**, Fernandez R, Grand J, Waller M, Patterson M, Duetsch, Parker S. (Eds.), (2015). Defining the Role of Social Sciences in Patient Safety. *Curr Probl Pediatr Adolesc Health Care*, 12, 375-394.

3. **Su L**. “ Why Studying Behavior is a Critical Component of Patient Safety.” *Curr Probl Pediatr Adolesc Health Care* 2015;45:367-369.

4. Allen KY, Allan CK, **Su L***, McBride ME. “Extracorporeal membrane oxygenation in congenital heart disease.” *Semin Perinatol*. 2018 Mar;42(2):104-110. doi: 10.1053/j.semperi.2017.12.006. Epub 2018 Jan 2

**Responsible for writing sections of content and reviewing and editing the final draft.*

5. McBride M, **Su L**, Allan C. “Education and Training in Pediatric Cardiac Critical Care.” *Peds Critical Care Medicine*. 2018 June; 19(6): 585-586.

**Responsible for parts of content creation, and editing of final draft.*

PEER-REVIEWED EDUCATIONAL MATERIALS

1. **Su L**. “Hypoxemia in Glenn Physiology” Simulation case in McBride, ME, **Su, L**, Moga, MA, Jain, PN, Erkonen, GE, Brown, KM, Bavare, A, Bastero, P, Allan, CK. Pediatric Critical Care Medicine Simulation Curriculum. In: Bronicki, RA, Allan, CK, Costello, JM, McBride, ME, Tabbutt, S, editors. Curriculum for Pediatric Cardiac Critical Care Medicine. Richmond, VA. The Pediatric Cardiac Intensive Care Society; 2016.

2. **Su L**. “Oxygenator Failure on VA ECMO” Simulation case in McBride, ME, **Su, L**, Moga, MA, Jain, PN, Erkonen, GE, Brown, KM, Bavare, A, Bastero, P, Allan, CK.

Pediatric Critical Care Medicine Simulation Curriculum. In: Bronicki, RA, Allan, CK, Costello, JM, McBride, ME, Tabbutt, S, editors. Curriculum for Pediatric Cardiac Critical Care Medicine. Richmond, VA. The Pediatric Cardiac Intensive Care Society; 2016.

3. **Su L.** “Tension Pneumothorax on VA ECMO” Simulation case in McBride, ME, **Su, L,** Moga, MA, Jain, PN, Erkonen, GE, Brown, KM, Bavare, A, Bastero, P, Allan, CK. Pediatric Critical Care Medicine Simulation Curriculum. In: Bronicki, RA, Allan, CK, Costello, JM, McBride, ME, Tabbutt, S, editors. Curriculum for Pediatric Cardiac Critical Care Medicine. Richmond, VA. The Pediatric Cardiac Intensive Care Society; 2016.

4. **Su L.** “Neonatal Shock” Simulation case in McBride, ME, **Su, L,** Moga, MA, Jain, PN, Erkonen, GE, Brown, KM, Bavare, A, Bastero, P, Allan, CK. Pediatric Critical Care Medicine Simulation Curriculum. In: Bronicki, RA, Allan, CK, Costello, JM, McBride, ME, Tabbutt, S, editors. Curriculum for Pediatric Cardiac Critical Care Medicine. Richmond, VA. The Pediatric Cardiac Intensive Care Society; 2016.

BOOKS/CHAPTERS

1. McBride, ME, **Su, L,** Moga, MA, Jain, PN, Erkonen, GE, Brown, KM, Bavare, A, Bastero, P, Allan, CK. Pediatric Critical Care Medicine Simulation Curriculum. In: Bronicki, RA, Allan, CK, Costello, JM, McBride, ME, Tabbutt, S, editors. Curriculum for Pediatric Cardiac Critical Care Medicine. Richmond, VA. The Pediatric Cardiac Intensive Care Society; 2016.

ABSTRACTS

Su L, Rieker J, Carcillo J, Newman L. The “Reality TV” Educational Approach Overcomes Knowledge and Anxiety Barriers to American College of Critical Care Medicine Sepsis Guidelines in Pediatric Residents
Presented at the 2007 Society of Critical Care Medicine annual meeting in Orlando, Fl.

Su L, Wornick K, Garcia-Filion P, Sayal P, Dalton H. “Pulse Oximetry Monitoring at Lower Saturations: a Comparison of 3 Different Sensor/Monitor Combinations”
Accepted for presentation at CHOP Cardiology 2011.

Su L, Williams L, Jones M , Walczak D, Berger J. “A Description of the Development of a Rapid Deployment Extracorporeal Membrane Oxygenation (ECMO) Simulation Program to Guide Improved Execution of Real ECMO Deployment in Real Patients”
Presented at the 2012 International Meeting on Simulation in Healthcare and its Interprofessional Education and Healthcare pre-conference symposium both in San Diego, CA.

Su L, Kaplan S, Burd R, Waller M. “Creating High Performance Medical Teams”

Presented as a podium presentation at the 19th Critical Care Colloquium held in Santa Monica, CA in September 2012.

**Su L, Berger J, Williams L, Jones M, Shankar V. “Role Delineation and High Fidelity Simulation Leads to Faster Deployment of Extracorporeal Membrane Oxygenation during Cardiopulmonary Resuscitation in a Cardiac ICU”
Presented at the Society of Critical Care Medicine Annual Congress in January 2013.**

**Su L, Jones M, Watson A, Wessel D. “Video Review is Critical to Improving CPR”
Presented at the American Heart Association Annual Meeting in November 2013.**

**Su L, Kaplan S, Burd R, Waller M. “The Best Trauma Teams Demonstrate Teamwork Patterns Similar to the Best Nuclear Power Plant Emergency Response Teams”
Presented at the Society of Critical Care Medicine Annual Congress in January 2014.**

**Su L, Kaplan S, Waller M. “Video Review Provides Insights into Diagnostic Errors”
Presented as a podium presentation at the Diagnostic Error in Medicine 7th International Conference in September 2014.**

Su L, Kaplan S, Waller M. Video Review Produces Insight into Patterns Of Human Behavior Seen During a Medical Crisis” Presented at the Pediatric Cardiac Intensive Care Society 10th Annual Conference in December 2014.

Fortkiewicz J, Jones M, Su L. “Staff Perceptions of Video Debriefings After Critical Events in the Cardiac Intensive Care Unit” Presented as a podium presentation at the Pediatric Cardiac Intensive Care Society 11th Annual Conference in December 2015.

Siems A, Watson A, Su L “Putting More Quality In a Quality Metric: Time to Initiation of CPR” Presented at the Society of Critical Care Medicine Annual Congress in February 2016.

Su L, Klugman D, Harlow A, Jones M, Waller M. “Mental Models of Team Members During Resuscitation of Cardiac Patients” Presented as an oral presentation for the 10th International Meeting for Behavioural Science in Surgery and Acute Care Settings in November 2016.

Fortkiewicz J, Su L. “Staff Perceptions of Video Debriefings After Critical Events in the Cardiac Intensive Care Unit” Presented as a podium presentation at Cardiology 2017: 20th Annual Update on Pediatric and Congenital Cardiovascular Disease -- Care at the Cutting Edge in a Cost-conscious World in February 2017.

Su L, Harlow A, Klugman D, Jones M, Moga M, Waller M. “Hot” Debriefing After Resuscitations in a Pediatric Cardiac Intensive Care Unit” Presented as a podium

presentation at Human Factors and Ergonomics in Healthcare International Conference in March 2017.

Su L on behalf of the Hackman-athon members Joann Keyton PhD, Stephan Marsch MD, Norbert K. Semmer PhD, Franziska Tschan PhD, Ymei Wang, Mary Waller PhD, Sarah Parker PhD, Deborah Diaz Granados PhD, Gabi Dodoiu, Seth Kaplan PhD, Thomas O'Neill PhD, Chelsea LeNoble, Marissa Shuffler PhD, Nicole Larson, Quinn Cunningham PhD and Poppy McLeod PhD. "Improving the Ad Hoc Formation of a Resuscitation Team: Can a Hackman-athon Create a Better Way?" **Presented as a podium presentation at Resuscitation in Motion Conference in May 2018.**

RESEARCH FUNDING (PAST)

"Di(2-ethylhexyl) phthalate (DEHP) and Bisphenol A (BPA) Exposure in Pediatric Cardiac Surgery Patients"

Principal Investigator

Co-Investigators: John Berger, MD, Naomi Luban, MD and Ron Brown

Funding Source: U.S. Food and Drug Administration

Funding Period: 2 years (1 year contract awarded 9/2009 with a one year extension)

A pilot study to look at the exposure of cardiopulmonary bypass (CPB) patients to 2 substances (DEHP and BPA) found in the CPB circuit.

"Beyond Leadership: Creating High Performance Medical Teams"

Principal Investigator

Co- Investigators: Randall Burd, MD, PhD, Seth Kaplan PhD, and Mary Waller PhD.

Funding Source: Center for Research Resources

Funding Period: 2 years (January 2012- December 2013)

A pilot study to evaluate teamwork patterns in simulated pediatric trauma.

"Utilizing Patient-Specific 3-Dimensional Heart Models to Enhance Just-in-Time Training in CICU"

Co-Investigator

Co-Investigators: Dilip Nath, MD (PI), Laura Olivieri MD, John Costello and Axel Krieger PhD

Funding Source: Board of Visitors

Funding Period: June 2014- May 2015

A study to assess impact of 3-D printed heart models in post-operative care.

"Enhancing Early Recognition and Management of Septic Shock on the Acute Care Inpatient Units with Simulation Education"

Principal Investigator

Co-Investigators: Mary Ottolini MD, MPH, Janice LePlatte, Simmy Randhawa, Nathan Dean MD, Aisha Davis MD, Amanda Levin MD, Lamia Soghier MD, Jeff Sestokas MD

Funding Source: Bearacuda Malpractice Insurance Company

Funding Period: July 2014-July 2015

A hospital wide initiative to develop a multimodal training intervention (e-module and simulation) to improve awareness of signs and symptoms of septic shock.

“3-Dimensional Virtual and Physical Patient-Specific Heart Models – A Novel Empowerment Tool for Children/Families/Health Care Providers to Transcend Congenital Heart Disease”

Co-Investigator

Co-Investigators: Dilip Nath, MD (PI), Laura Olivieri MD, and Axel Krieger PhD

Funding Source: Board of Visitors

Funding Period: June 2015- May 2016

A study to assess impact of 3-D printed heart models in combination with virtual models to educate families and staff.

“A Comprehensive Approach to Measure, Understand, Reduce and Prevent Diagnostic Error”

Co-Investigator

Co-Investigators: Paul Manicone, MD; Lillian Su MD; Karen O’Connell MD MEd; Mary Ottolini, MD MPH.

Funding Source: Bearacuda Grant Program

Funding Period: March 2015- February 2016

A pilot study to develop a new diagnostic error reporting system for the hospital.

EDITORIAL SERVICE

2017- present *Scientific Report Journal* Manuscript Reviewer

2017- present *Cardiology in the Young* Manuscript Reviewer

2017- present *Pediatric Critical Care Medicine* Manuscript Reviewer

2018- present *Resuscitation* Manuscript Reviewer

2018- present *Simulation and Gaming* Manuscript Reviewer

2018- present *British Medical Journal Simulation and Technology Enhanced Learning* Manuscript Reviewer

UNIVERSITY ADMINISTRATIVE SERVICE

COMMITTEE SERVICE

2014- 2016 Clinical Alarms Committee, Children’s National Medical Center, Washington, DC

2015- 2016 WATCH (Women at the Children’s Hospital) Committee Member, Children’s National Medical Center, Washington, DC

2015- 2016 Grand Rounds Steering Committee, Children’s National Medical Center, Washington, DC

- 2015- 2016 Ambulatory PERRC (Pediatric Resuscitation Review Committee),
Children's National Medical Center, Washington, DC
- 2017-present Clinical Documentation Integrity Champion, Lucile Packard
Children's Hospital, Palo Alto, CA
- 2017-present ROSC Resuscitation Oversight Steering Committee, Lucile
Packard Children's Hospital, Palo Alto, CA

LEADERSHIP ROLES

- 2005- 2007 Condition A Task Force Co-chair. Children's Hospital of
Pittsburgh, Pittsburgh, PA
- 2006- 2007 Chief Fellow. Children's Hospital of Pittsburgh, Pittsburgh, PA
- 2009- 2012 Chair. Rapid Deployment ECMO Quality Improvement Initiative,
Children's National Medical Center, Washington, DC
- 2010- 2012 Program Developer and Instructor. Resident Cardiac Intensive
Care Simulation Program, Children's National Medical Center,
Washington, DC
- 2012- 2016 Program Developer and Instructor. Preparing for Office
Emergencies for the General Pediatrician, Children's National
Medical Center, Washington, DC
- 2013-2016 Fund Administrator and Co-Founder. Cardiac Intensive Care Unit
Family Fund, Children's National Medical Center, Washington,
DC

SERVICE TO PROFESSIONAL ORGANIZATIONS

MEMBERSHIPS

- 2000 American Academy of Pediatrics
- 2007 Society of Critical Care Medicine
- 2012 International Pediatric Simulation Society
- 2015 Human Factors and Ergonomics Society
- 2016 Pediatric Cardiac Intensive Care Society

COMMITTEE SERVICE

- 2015- present SCCM Annual Congress abstract reviewer
- 2016- 2017 American Heart Association Get with the Guidelines- Resuscitation Pediatric Research Task Force Committee
- 2016- 2017 Human Factors and Ergonomics Society Program Committee
- 2017- 2017 Extracorporeal Life Support Organization Annual Conference Committee
- 2017- present SCCM Abstract Moderator for Annual Meeting
- 2017- present American Heart Association Get with the Guidelines- Resuscitation Quality Task Force Committee Member
- 2017- present Pediatric Cardiac Intensive Care Society Education Committee

LEADERSHIP ROLES

- 2015- 2017 SCCM ECMO Fundamentals Committee Co-Chair
- 2018- present International Pediatric Simulation Society Board Member
- 2018- present International Pediatric Simulation Society Affiliations Co-Chair
- 2018- present International Pediatric Simulation Society Visibility Co-Chair
- 2018- present International Simulation Data Registry Executive Committee Member
- 2018- present Pediatric Cardiac Intensive Care Society Board Member

INVITED PRESENTATIONS (INTERNATIONAL)

May 2014: Fundamentals of ECMO Pre-Conference Workshop- Invited Faculty and Co-Chair, 7th World Congress on Pediatric Intensive and Critical Care, Istanbul, Turkey

May 2018: Education Corner- Invited Faculty for Pediatric Cases, EuroELSO, Prague, Czech Republic

INVITED PRESENTATIONS (NATIONAL)

August 2012: “Information-Laden (Team) Processes during Complexity and Uncertainty” Academy of Management Symposia presentation

September 2012: “Teamwork Training Using ECMO Simulation”- Invited Faculty, Extracorporeal Life Support Organization Pre-conference Workshop Facilitator

September 2012: “Creating a Simulation Program”- Invited Faculty to Phoenix Children’s Hospital

January 2013: ELSO ECMO training workshop: Invited Faculty, Nemours/ Alfred I. duPont Hospital for Children

September 2013: “Making Better Healthcare Simulations for your Learner”- Invited Faculty, Pediatric Educational Excellence Across the Continuum Workshop Facilitator

September 2013: “eCPR Simulation”- Invited Faculty, Extracorporeal Life Support Organization Pre-conference Workshop Facilitator

January 2014: “Fundamentals of ECMO Management”- Invited Faculty and Co-Chair, Society of Critical Care Medicine

October 2014: “Train the Trainer: ECMO Simulation” Invited Faculty, ELSO

January 2015: “Fundamentals of ECMO Management- A Simulation Course”- Invited Faculty and Co-Chair, Society of Critical Care Medicine, Phoenix, AZ

January 2015: “Decisions in Crises: Putting Science into Voyeurism”- Visiting Professor and Grand Rounds Speaker, Cardon Children’s Hospital, Phoenix, AZ

January 2015: “Fundamentals of ECMO Management- A Simulation Course”- Invited Faculty and Co-Chair, Society of Critical Care Medicine, Phoenix, AZ

May 2015: “Decisions in Crises: Putting Science into Voyeurism”- Invited Speaker, Cedars- Sinai Heart Institute, Congenital Heart Program, Los Angeles, CA

December 2015: “ Simulation: What Machines Can Us about Being Human”- Invited Faculty, 11th Annual Pediatric Cardiac Intensive Care Society Annual Conference, Houston, TX

February 2016: “How to Build and Sustain an ECMO Program”- Invited Faculty, Society of Critical Care Medicine 45th Annual Congress, Orlando, FL

February 2016: “Fundamentals of ECMO Management- A Simulation Course”- Invited Faculty and Co-Chair, Society of Critical Care Medicine, Tampa, FL

April 2016: “Developing a Culture of Why: Video in the ICU”- Invited Faculty, American College of Cardiology 65th Annual Scientific Session, Chicago, IL

May 2016: “Simulation: What Machines Can Us about Being Human”-Invited Speaker, Boston Children’s Simulator Program, Boston, MA

December 2016: “eCPR: How Can Teamwork Get Us Flowing Faster”- Invited Speaker, Pediatric Cardiac Intensive Care Society 12th Annual International Meeting, Miami, FL

May 2017: “Core Concepts of Cardiac ECMO Simulation”- Invited Speaker, IPSSW Webinar, National Broadcast

September 2017: “eCPR Simulation, VA to VV Conversion and ECMO Transport”- Invited Faculty and Pre-conference Program Committee, Extracorporeal Life Support Organization Annual Meeting, Baltimore, MD

December 2017: “Simulation and Debriefing”- Invited Faculty, Pediatric Cardiac Intensive Care Society 13th Annual International Meeting, Washington DC

INVITED PRESENTATIONS (LOCAL)

June 2010: “The Use of Simulation in Medical Education”
Children’s Academy of Pediatric Educators, Children’s National Medical Center

June 2010: “Simulation in Medical Education”
American Medical Student Association: Training Tomorrow’s Teachers Today (T4).
Washington, DC

August 2010 and 2011: “The Resuscitation of a Cardiac Patient: Key Aspects of Emergency Room Management”
Emergency Department Faculty and Fellow Conference, Children’s National Medical Center

January 2011: “The Simulation of Rapid Deployment ECMO”
Pediatric Resuscitation Research Team Lecture, Children’s National Medical Center

December 2011: “Research: From An Idea to A Project”
Professor Rounds, Children’s National Medical Center

February 2012: “Anatomy of a Research Project”
George Washington School of Medicine Noon Lecture Research Series, George Washington University Medical School

November 2012: “Regional NICU Boot Camp: Approach to cardiac emergencies”- Invited Faculty held at Children’s National Medical Center

April 2013: “Short Coats to Long Coats: Progression from student to resident to attending physician...discover what life is like each step of the way" – Invited Faculty at George Washington Medical School

March 2015: “Simulation: How machines can teach us what it means to be human”- Invited Grand Rounds Speaker at Children’s National Health System

April 2015: “Virtual Simulation: Using Vignette Players to Assess Your Learners”- Invited Co-Presenter for Education Day Workshop at Children’s National Health System

April 2015: “Assessment in Simulation”- Invited Speaker for Education Day Workshop at Children’s National Health System

October 2017: “Translating Resuscitation Science into Practice”- Invited Speaker for the American Heart Association ECC Conference San Francisco, CA

May 2018: “A Career in CVICU”- Invited Speaker for Stanford School of Medicine Cardiovascular Interest Group, Stanford University, CA

WORKSHOP PRESENTATIONS

Weems M, Stavroudis L, Johnston L, Ades A, **Su L**. Paradigm in EMCO Education: Incorporating Simulation in ECMO Training. 15th Annual International Meeting on Simulation in Healthcare, New Orleans, LA January 2015.

Weems M, Stavroudis L, Johnston L, Ades A, **Su L**. New Paradigm in EMCO Education: Incorporating Simulation in ECMO Training. 7th International Pediatric Simulation Symposia and Workshops, Vancouver, CA May 2015.

Henrickson Parker S, **Su L**, Waller M, Patterson M, Fernandez R, Grand J. Leadership and Decision Making in Adaptive Action Teams. INGRoup 10th Annual Conference, Pittsburgh, PA July 2015.

Henrickson Parker S, **Su L**, Patterson M. Mind the Gap: Team Training in Healthcare. Human Factor and Ergonomics in Health Care: Shaping the Future, International Symposium, San Diego April 2016.

Patterson M, Deutsch E, **Su L**. Mind the Gap: Team Training in Healthcare. IPSSW, Glasgow, Scotland May 2016.

Allan C, Alexander P, Beke D, McBride M, Brediger S, Han P, Johnston L, **Su L**. ECMO Simulation: A Hands-on Approach to Curriculum Design, Implementation, and Evaluation. IPSSW, Boston, MA June 2017

Su L, McBride M, Han P, Moga M, Allan C. Hands On ECMO: A Practical Approach to Incorporating Simulation into an ECMO Training Program. IPSS, Amsterdam, Netherlands May 2018

Moga M, Allan C, **Su L**, McBride M. Learning from the bad and the good: Safety 1 and 2 in simulation. Simulation Summit- Royal College of Physicians and Surgeons, Ottawa, Canada September 2018

OTHER TEACHING DUTIES

2005- 2007	Certified Instructor. Peter Winter Institute for Simulation, Education and Research, Pittsburgh, PA
2007- 2008	Facilitator. Cardiac Intensive Care Mock Code/ Simulations, The Children's Hospital of Philadelphia, Philadelphia, PA
2011- 2014	Capstone Course Instructor. Children's National Medical Center and George Washington University School of Medicine, Washington, DC
2017- present	Facilitator for Simulations. Cardiology Fellows Annual Boot Camp, Stanford University, Palo Alto, CA
2018- present	Facilitator for Simulation, Pediatric Resident Academic Half Day in Cardiology

