

Shreepada Tripathy, MD FAAP

Professional Experience

Assistant Professor of Pediatrics Director of Pediatric Simulation Southern Illinois University Springfield, IL	December 2015-present
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Medical Training

Pediatric Critical Care Fellowship Washington University in Saint Louis Saint Louis, Missouri	July 2014-November 2015
Pediatrics Residency University of Louisville Louisville, Kentucky	July 2011-June 2014

Education

Doctor of Medicine Marshall University School of Medicine Huntington, West Virginia	July 2007-May 2011
Bachelor of Sciences in Biochemistry Washington University St. Louis, Missouri	August 2003-May 2007

Licensure and Certifications

- Medical Board of Missouri
- Medical Board of Illinois
- American Board of Pediatrics, Certification in General Pediatrics, 2014
- Controlled Substance Registration Certificate, Drug Enforcement Administration, 2015
- ALCS certified 2014-present
- BLS certified 2014-present
- PALS certified 2016-present
- PALS instructor certified 2016-present
- ATLS certified 2015-present

Simulation Experience

- Simulation Global Assessment of Residents, 2016
 - Developed case of cardiogenic shock to assess residents assessment and management of simulated patient
- Simulation Assessment of Pediatric Residents with Identification of Child Abuse, 2016
- Assessment of Impact of Simulation Education, QI project, 2016
- Assessment of Delivering Bad News for Residents, QI project, 2016
- EMS Pediatric Training, 2016

- Developed lectures and procedural simulations of common pediatric cases and procedures needed as first responders in the field
- Grand Rounds: Pediatric Simulation 101: What Is It and Does It Really Help? St. John's Children's Hospital. 2016
- Development of Pediatric Resident Specific Simulations, 2016 to present
- Development of Rapid Refresher Training for Pediatric Residents and Nurses, 2016 to present
- Development of Simulation Curriculum for 4th Year Medical Students Pediatric Residency Readiness Elective, 2016 to present
- Development of "Delivering Bad News" Curriculum, 2016

Honors and Awards

Society for Simulation in Healthcare Meeting, New Orleans, January 2015

- 3rd place award for Original Research titled "When the Mannequin Dies, Creation and Exploration of a Theoretical Framework Using a Mixed Methods Approach"

Kosair Children's Hospital, University of Louisville

- Most productive 1st year resident in primary care, 2012
- Member of Resident Team in *Residents versus Attendings* Quiz Bowl, 2013
- Critical Care Award, 2014

Marshall University School of Medicine

- Community Service Award - completed at least 20 hours of community service each semester, 2007-2010

Washington University in Saint Louis

- Dean's List 2003, 2007
- Music Scholarship, 2004-2007

Committee Assignments and Administrative Services

- Advancing Pediatric Educator eXcellence (APEX) Teaching Program, Member, 2017
- St. John's Physician Wellness Committee, St. John's Children's Hospital, 2016 to present
- Pediatric Education and Evaluation Committee, St. John's Children's Hospital, Springfield, IL, 2016 to present
- Taskforce on Resident Education on the Wards, St. John's Children's Hospital, Springfield, IL, 2016 to present
- Year 3 Training Curriculum Committee At Large Member, St. John's Children's Hospital, Springfield, IL, 2016 to present
- Nursing Unit Council, Physician Liaison, St. John's Children's Hospital, Springfield, IL, 2016 to present
- Global Competency Assessment Committee Member, St. John's Children's Hospital, Springfield, IL, 2016 to present
- Phi Delta Epsilon Mentor for Medical Students entering Pediatrics, St. John's Children's Hospital, Springfield IL, 2016 to present
- Academy for Scholarship in Education, Southern Illinois University School of Medicine, 2016 to present

- Assisting and Editing of Resident Handbook, St. John's Children's Hospital, Springfield, IL, 2016
- Neuro-critical Care Committee, Saint Louis Children's Hospital, Saint Louis, MO, 2014-2015
- Pharmacy and Therapeutics Committee, Kosair Children's Hospital, Louisville, KY, 2011-2014
- P.U.S.H. Pediatricians Urging Safety and Health, Kosair Children's Hospital, Louisville, KY, 2011-2014
- Internal Review Committee for OB/GYN, Kosair Children's Hospital, Louisville, KY, 2011
- Mentor for medical students interested in Pediatrics, Kosair Children's Hospital, Louisville, KY, 2011-2014

Publications

- Tripathy S, Miller KH, Berkenbosch JW, McKinley T, Boland K, Brown SA, Calhoun AW. When the Mannequin Dies, Creation and Exploration of a Theoretical Framework Using a Mixed Methods Approach. Published: Simulation in Healthcare, June 2016

Poster Presentations

- *Attending*
 - Tripathy S, Miller KH, Berkenbosch JW, McKinley T, Boland K, Brown SA, Calhoun AW. When the Mannequin Dies, Creation and Exploration of a Theoretical Framework Using a Mixed Methods Approach. Presented at the 7th Annual Symposium for Teaching and Learning, 2016
 - McBride ME, Schinasi DA, Moga MA, Tripathy S, Calhoun A. Death of a Simulated Pediatric Patient: Toward a More Robust Theoretical Framework. Presented at Midwest Society for Pediatric Research, 2016
 - McBride ME, Schinasi DA, Moga MA, Tripathy S, Calhoun A. The Death of the Pediatric Patient: A Robust Theoretical Framework for Simulations. Presented at Pediatric Emergency Medicine Israel, 2016.

Research

Fellowship

- Assessment of Renal Function in Critically Ill Children, under Kenneth Remy MD, Department of Critical Care Medicine, Washington University in Saint Louis, 2014-present

Residency

- When the Mannequin Dies, Creation and Exploration of a Theoretical Framework Using a Mixed Methods Approach, under Aaron Calhoun MD, Department of Critical Care Medicine, University of Louisville, 2012-2015
- Development of a Pediatric Critical Care iPhone application, under John Berkenbosch, Department of Critical Care Medicine, University of Louisville, 2012-2014

Medical School

- Investigation into Heavy Metal Chelation in Commercial Water Sources, under Ernest Walker, MD PhD, Department of Pathology, Marshall University, 2004-2005

Undergraduate School

- Examination of Peer Led Team Learning activities of mentoring students in Undergraduate Chemistry courses, under Regina Frey PhD and Susan Hockings PhD, Washington University, 2004-2007
- Analysis of catalytic properties of membrane fusion reactions, under Richard Gross MD, Washington University, 2006

Community Service

- Student Mentor to University of Illinois Pediatric Interest Group, 2016-present
- Faculty Mentor to Southern Illinois University Pediatric Interest Group, 2016-present
- Boys and Girls Club of America
 - Mentored youth and adolescents in an after school program, 2007-2008
- West Virginia Healthy People 2010 Cardiac Kids Project
 - Screened 5th grade for Body Mass Index calculation, blood pressure, heights and weights, and cardiovascular risk indicators
- Catalyst
 - Leader of an afterschool program designed to teach 4-6th graders about science, Washington University, 2005-2007

Professional Organizations

- American Academy of Pediatrics, 2010-present
- Society for Simulation In Healthcare, 2013-present
- Society for Hospital Medicine, 2017
- Pediatric Hospital Medicine, 2017

Educational Opportunities

- 9/2011 – Synthetic Cannabinoid Use in the Adolescent Population, Presentation at Department Chairman's Conference, Kosair Children's Hospital, Louisville, KY
- 10/2012 – An Unusual Case of Wegener's Granulomatosis, Presentation at Chairman's Conference, Kosair Children's Hospital, Louisville, KY
- 12/2012 – Treatment of Sepsis in Rural Community Hospitals, Evidence Based Medicine Presentation, Kosair Children's Hospital, Louisville, KY
- 08/2013 – Pediatric Death and It's Effect on the Physician, Presentation at Chairman's Conference, Kosair Children's Hospital, Louisville, KY
- 06/2014 – When The Mannequin Dies: Creation and Exploration of a Theoretical Framework Using a Mixed Methods Approach, Lecture and Poster Presentation, Kosair Children's Hospital, Louisville, KY
- 10/2014 – Efficacy of IVIg versus Plasmapheresis in Treatment of Guillain-Barre Syndrome, Presentation at Pediatric Division Conference, St. Louis Children's Hospital, St. Louis, MO

- 01/2015 – When The Mannequin Dies: Creation and Exploration of a Theoretical Framework Using a Mixed Methods Approach, Oral Presentation and Poster Presentation at Society of Simulation in Healthcare.
- 04/2015 – Pathophysiology of Hemophagocytic Lymphohistiocytosis, Presentation at Pediatric Division Conference, St. Louis Children’s Hospital, St. Louis, MO
- 08/2015 – Use of Photophresis in Pediatric Lung Transplant Patients Who have Developed Bronchiolitis Obliterans, Presentation at Pediatric Division Conference, St. Louis Children’s Hospital, St. Louis, MO
- 09/2015 – Assessment of Renal Function in Critically Ill Children, Presentation at Pediatric Department Conference, St. Louis Children’s Hospital, St. Louis, MO
- 01/2016 – Case and Review of Hemophagocytic Lymphohistiocytosis, Presentation at Residency Education Talk, St. John’s Children’s Hospital, Springfield, IL
- 2/2016 – Pediatric Simulation 101: What is Simulation and Does it Work? Grand Rounds Presentation, St. John’s Children’s Hospital, Springfield, IL
- 7/2106 – Pediatric Respiratory Illnesses, Presentation at Resident Conference, St. John’s Children’s Hospital, Springfield, IL
- 1/2017 – An Update on Pediatric Street Drugs for 2017, Grand Round Presentation, St. John’s Children’s Hospital, Springfield, IL