**Timothy G. Carroll, MD, FAAP**

 Chair of Pediatrics

Medical Director, PICU

Pediatric Critical Care, Hospitalist and Sedation

**Nemours Children’s Health/HCA Florida West Hospital**

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**EDUCATION AND TRAINING**

**Training:**

07/2006-07/2009 University of Texas Southwestern Pediatric Critical Care Fellowship

 Children’s Medical Center Dallas; Dallas, Texas

 James Thomas, MD; Division Director

 Steven Kernie, MD; Fellowship Director

07/2002-06/2005 University of Texas Southwestern Pediatric Residency

 Children’s Medical Center Dallas; Dallas, Texas

 George Lister, MD; Chairman

 Patricia Hicks, MD; Residency Director

**Medical:**

08/1998-05/2002 University of Kansas School of Medicine; Kansas City, Kansas

 Medical Doctor

**Premedical:**

08/1994-05/1998 Fort Hays State University; Hays, Kansas

 Magna Cum Laude; Bachelor of Science – General Science

**PROFESSIONAL EXPERIENCE**

**Critical Care**

10/2023-Present Chairperson, Department of Pediatrics

HCA Florida West Florida Hospital. Pensacola, FL

10/2022-Present Medical Director, Pediatric Critical Care and Sedation

Nemours Children’s Health at HCA West Florida Hospital.

Pensacola, Florida

10/2015-05/2023 Pediatric Cardiac Intensivists of North Texas,

Medical City Children’s Hospital, Dallas, Texas

 Pediatric Cardiac Critical Care

09/2016-05/2022 Saint Francis Children’s Hospital/Warren Clinic; Tulsa, Oklahoma Pediatric Critical Care, Hospital Medicine, and Sedation. Attending Physician

**PROFESSIONAL EXPERIENCE (Cont)**

**Critical Care**

06/2011-08/2016 University of Oklahoma College of Medicine/Children’s Hospital at OU Medical Center; Oklahoma City, Oklahoma

 Section of Pediatric Critical Care; Department of Pediatrics

 Assistant Professor, Pediatric Critical Care, Cardiac Critical Care and Sedation Physician

08/2009-04/2011 Pediatrix Medical Group/Sunrise Children’s Hospital; Las Vegas, NV

 Pediatric Critical Care, Cardiac Critical Care and Sedation Attending Physician

07/2005-07/2009 Children’s Medical Center Dallas; Dallas, Texas

 Pediatric Emergency Medicine Attending Physician

**Academic Appointments**

2023-Present Florida State University College of Medicine, Pensacola, FL

 Clinical Assistant Professor of Pediatrics

2023-Present Alabama College of Osteopathic Medicine, Dothan, Alabama Clinical Assistant Professor of Pediatrics

08/2017-06/2022 University of Oklahoma School of Community Medicine,

 Department of Pediatrics; Tulsa, Oklahoma

 Clinical Assistant Professor of Pediatrics

08/2016-06/2022 Oklahoma State University Center for Health Sciences, College of Osteopathic Medicine; Department of Pediatrics; Tulsa, Oklahoma

 Adjunct Clinical Assistant Professor of Pediatrics

08/2018-06/2021 University of Oklahoma Health Science Center Graduate College, Oklahoma City, Oklahoma

 Clinical and Translational Sciences

 Assistant Professor

06/2011-08/2016 University of Oklahoma College of Medicine/Children’s Hospital at OU Medical Center; Oklahoma City, Oklahoma

 Assistant Professor, Section of Pediatric Critical Care; Department of Pediatrics

07/2009-05/2011 University of Nevada, Reno; Las Vegas, Nevada

 Clinical Adjunct Assistant Professor

07/2006-07/2009 University of Texas Southwestern; Dallas, Texas

 Clinical Instructor, Department of Pediatrics

**Locum Tenens/Non-Clinical**

10/2018-Present Carroll Medical Consulting, PLLC, owner

 Pediatric Critical Care/Hospitalist Locum Tenens and Expert Legal Opinions

08/2015-Present Nexus Medical Consulting

 Medical Utilization Reviewer

 03/2017-Present Integris Baptist Hospital; Oklahoma City, Oklahoma

 Pediatric Critical Care and Sedation

06/2022-06/2023 Baptist St. Anthony’s Hospital, Amarillo, TX

 Pediatric Critical Care, Pediatric Hospitalist, and Sedation

**Locum Tenens/Non-Clinical (cont)**

 06/2022-06/2023 St. Vincent’s Hospital, Billings, MT

 Pediatric Critical Care, Pediatric Hospitalist, and Sedation

 08/2020 McAlester Regional Medical Center; McAlester, Oklahoma

 General Pediatric Hospitalist

04/2011-07/2011 Banner Thunderbird Medical Center; Glendale, Arizona

 Pediatric Critical Care and Sedation

08/2008-06/2009 Presbyterian Hospital of Plano; Plano, Texas

 Pediatric Hospitalist

**LICENSURE AND CERTIFICATION**

**State Licenses:**

2022-Present Florida State Medical License ME158862, Exp 1/31/2025

2011-Present Oklahoma Medical License #28346, Exp 4/1/25

2003-Present Texas Medical License #L7324 Exp 11/30/24

2022-2024 Montana Medical License MED-PHYS-COM-LIC 113086 Exp 03/31/24

2010-2012 Arizona Medical License #43859 (inactive)

2009-2011 Nevada Medical License #13172 (inactive)

**Board Certifications:**

2010-Present Pediatric Critical Care; American Board of Pediatrics

2005-Present General Pediatrics; American Board of Pediatrics

NPI: 1598852428

**SCHOLARSHIP**

**Funded:**

2012-2015 ***The Use of Procalcitonin in Predicting Bacterial Co-infection in Children with Respiratory Failure from Viral Bronchiolitis***

 Primary Investigator (10%)

 Testing provided without charge by Biomerieux. (Direct Cost: $2300)

 Mentored Ryan Erickson MD, Pediatric Emergency Medicine fellow

2008-2010 ***Vasopressin Rescue for In-Hospital Pediatric Cardiopulmonary Arrest Refractory to Initial Epinephrine Dosing: A Pilot Trial***

 Primary Investigator (40%)

 Supported by AMA Foundation Seed Grant (Budget/Direct Cost: $1500)

**Completed**:

2018-2021 **Needs Assessment for Pediatric Palliative Care in a Community Pediatric Hospital**

2015-2016 ***Evaluation of a Palliative Care Education Curriculum for General Pediatric Residents***

 Co-investigator (5%)

2014-2016 ***Provider Attitudes Toward Tracheostomy Usage in Prolonged Endotracheal Intubation in the Pediatric Intensive Care Unit***

Primary Investigator (5%)

**SCHOLARSHIP (continued)**

2014-2016 ***Review of the Incidence of Central Line Infections and Thromboses in the Pediatric Hematology/Oncology Population***

Co-investigator (5%)

2014-2015 ***A Case of Methemoglobinemia in a Pediatric Oncology Patient Receiving Bactrim Prophylaxis***

 Primary Investigator (5%)

2014-2015 **Salmonella Typhi *Bacteremia Associated to Septic Shock and Acute Respiratory Distress Syndrome in a Teenage Patient***

 Co-investigator (5%)

2013-2015 ***The Use of Procalcitonin in Predicting Bacteremia in Febrile Sickle Cell Patients***

 Co-investigator (5%)

2013-2016 ***Needs Assessment for Pediatric Palliative Care at a Tertiary Children’s Hospital*.**

 Primary Investigator (5%)

2008-2010 ***Effectiveness of Community Consultation and Public Disclosure for an In-Hospital Pediatric Clinical Trial with an Exception from Informed Consent***

 Co-primary Investigator (50%)

2003-2005 ***Clinical and Laboratory Presentation of Neonatal Herpes Simplex Virus: Retrospective Analysis and Literature Review***

 Co-Primary Investigator (20%)

2003-2005 ***Retrospective Analysis of Adrenal Insufficiency in Refractory Hypotensive Pediatric Patients in the Intensive Care Setting***

 Co-Primary Investigator (10%)

2003-2004 ***Case Report: Acute Hepatitis, Nephritis and Pancreatitis in a Pediatric Patient Associated with Oxacillin Therapy***

 Primary Investigator (10%)

2000-2003 ***Epidural Analgesia and Severe Perineal Laceration in the Community Based Obstetrical Practice***

 Primary Investigator (50%)

**Curriculum Development**

1. **Pediatric Critical Care Resident Education**

University of Oklahoma Pediatric Residency and Oklahoma State University Pediatric Residency at Saint Francis Children’s Hospital, Tulsa, OK

1. **Pediatric Palliative Care**

University of Oklahoma Pediatric Residency Program

Ongoing curriculum developed from national guidelines that will be actively evaluated by above-mentioned scholarly work: *Evaluation of a Palliative Care Education Curriculum for General Pediatric Residents*

1. **Pediatric Critical Care Simulation**

University of Oklahoma Pediatric Residency Program

**Curriculum Development (cont)**

1. **Code Blue Simulation Training**

Emergency Response Team-The Children’s Hospital at OU Medical Center

**PUBLICATIONS \*indicates mentored trainee**

**Peer-Reviewed Publications (Accepted, in-press or published)**

1. Ackerman K\*, Saley T, Mushtaq N, **Carroll T**. Pediatric Long Term Endotracheal Intubation and Role for Tracheostomy: Patient and Provider Factors. *Journal of Pediatric Intensive Care*. 2019. DOI <https://doi.org/10.1055/s-0038-1676117>. ISSN 2146-4618.
2. Ericksen R\*, Guthrie C, **Carroll T**. (2018) The Use of Procalcitonin for Prediction of Pulmonary Bacterial Co-infection in Children with Respiratory Failure Associated with Viral Bronchiolitis. *Clinical Pediatrics.* 2019, Vol. 58(3) 288-294*.* DOIhttps://doi.org/10.1177/0009922818816432
3. **Carroll, T**, Carroll M. Methemoglobinemia in a Pediatric Oncology Patient Receiving Sulfamethoxazole/Trimethoprim Prophylaxis. *Am J Case Rep 2016; 17:499-502. DOI 10.12659/AJCR.897820*
4. Brosset-Ugas M\*, **Carroll, T**, Kovar L, Chavez-Bueno S. *Salmonella Typhi* Induced Septic Shock and Acute Respiratory Distress Syndrome in a Teenage Patient. *Journal of Investigative Medicine High Impact Case Reports.* 2016:4(2):1-5. DOI: 10.1177/2324709616652642
5. **Carroll T**, Dimas V, Tortoriello-Raymond T. Vasopressin Rescue for In-Pediatric Intensive Care Unit Cardiopulmonary Arrest Refractory to Initial Epinephrine Dosing: A Prospective Feasibility Pilot Trial. *Pediatric Critical Care Medicine* 2012;13(3):265-272.
6. Tortoriello-Raymond T, **Carroll T**, Sales G, Morris M. Effectiveness of the Informed Consent Process for a Pediatric Resuscitation Trial. *Pediatrics* 2010;125; e866. Originally published online March 15, 2010; DOI: 10.1542/peds.2009-2427. Website: http://pediatrics.aappublications.org/content/125/4/e866.short
7. **Carroll T**, Engelken M, Mosier M. Epidural Analgesia and Severe Perineal Laceration in the Community Based Obstetrical Practice. *J Am Board Fam Pract* 16(1); 1-6, 2003.

**Peer-Reviewed Publications (In-progress for publication)**

1. Cruickshank A\*, Meyer W, **Carroll T**. Central line associated blood stream infection in a combined inpatient and outpatient pediatric hematology and oncology practice.
2. Carroll M, May R, Anderson M**, Carroll T**, Evaluation of a Palliative Care Education Curriculum for Pediatric Residency Training.

**Book Chapters**

1. **Carroll T**, Raymond T. Ch 87 Pediatric Cardiopulmonary Resuscitation. In: Stockwell J, Kutko M. Comprehensive Critical Care: Pediatric. 2nd Edition. 2016.
2. **Carroll T**, Raymond T. Ch 99 Pediatric Cardiopulmonary Resuscitation. In: Stockwell J, Preissig C. Comprehensive Review in Critical Care: Pediatric. Chapter 99; pgs. 1345-1358. August 2012.

**Published Abstracts**

1. **Carroll, T**, Carroll M. *Methemoglobinemia in a Pediatric Oncology Patient receiving Sulfamethoxazole/Trimethoprim Prophylaxis*. *Journal of Investigative Medicine*. 2016:64(2); 547
2. **Carroll T**. *Needs Assessment for Pediatric Palliative Care at a Tertiary Children’s Hospital*. *Journal of Investigative Medicine*. 2016:64(2); 574
3. Brosset-Ugas M\*, **Carroll T**, Chavez-Bueno S.Salmonella typhi *Bacteremia Associated to Septic Shock and Acute Respiratory Syndrome in a Teenage Patient. Journal of Investigative Medicine*. 2016:64(2); 566

**PRESENTATIONS \*indicates mentored trainee**

**Published Abstracts**

1. DeLeon S, Mehdi N, Dupuis G, Rivas G, Montgomery S, Duncan P, **Carroll T**. *The Development of an Integrated Asthma Clinical Pathway at the University of Oklahoma Children’s Hospital*. *Journal of Investigative Medicine*. 2016:64(2); 623
2. **Carroll T**, Perron L. *Reduction of Central Line Associated Blood Stream Infections After Adoption of Central Line Insertion and Maintenance Procedures*. *Journal of Investigative Medicine*. 2016:64(2); 677
3. Cruickshank A\*, Meyer W, **Carroll T**. Central Line Associated Blood Stream Infections in Pediatric Hematology/Oncology Inpatients and Outpatients. *Journal of Investigative Medicine*. 2016:64(1); 277-278
4. **Carroll T,** Sales G, Morris M, Raymond T. Survey in a Pediatric Resuscitation Trial to Assess the Effectiveness of “In-Hospital Community Consultation and Public Disclosure” Under Exception From Informed Consent Requirements for Emergency Research. *Circulation*. 2009;120: S684.

**Poster Presentations**

1. **Carroll T**, May R. Evaluation of a Palliative Care Education Curriculum for General Pediatric Residents. Presented at The Fourth Annual College of Medicine Education Week by the Academy of Teaching Scholars at the University of Oklahoma. September 2017
2. Ericksen, R\*, Guthrie C, **Carroll T**. The Use Of Procalcitonin For Prediction Of Pulmonary Bacterial Co-infection In Children With Respiratory Failure Associated With Viral Bronchiolitis. Presented at Society of Academic Emergency Medicine. May 2016.
3. **Carroll, T**, Carroll M. *Methemoglobinemia in a Pediatric Oncology Patient receiving Sulfamethoxazole/Trimethoprim Prophylaxis*. Presented at Southern Regional Meeting of the Southern Society for Pediatric Research. February 2016.
4. **Carroll T**. *Needs Assessment for Pediatric Palliative Care at a Tertiary Children’s Hospital*. Presented at Southern Regional Meeting of the Southern Society for Pediatric Research. February 2016.
5. Brosset-Ugas M\*, **Carroll T**, Chavez-Bueno S.Salmonella typhi *Bacteremia Associated to Septic Shock and Acute Respiratory Syndrome in a Teenage Patient.* Presented at Southern Regional Meeting of the Southern Society for Pediatric Research. February 2016.
6. DeLeon S, Mehdi N, Dupuis G, Rivas G, Montgomery S, Duncan P, **Carroll T**. *The Development of an Integrated Asthma Clinical Pathway at the University of Oklahoma Children’s Hospital*. Presented at Southern Regional Meeting of the Southern Society for Pediatric Research. February 2016.
7. Cruickshank A\*, Meyer W, **Carroll T**. *Central Line Associated Blood Stream Infections in Pediatric Hematology/Oncology Inpatients and Outpatients*. Presented at Stephenson Cancer Research Symposium. Oklahoma City, OK, January 2016.
8. Brosset-Ugas M\*, **Carroll T**, Chavez-Bueno S. Salmonella Typhi *Bacteremia Associated with Septic Shock and Acute Respiratory Distress Syndrome in a Teenage Patient.* University of Oklahoma Department of Pediatrics Research Day, Oklahoma City, Oklahoma, May 2015.
9. **Carroll T**, Perron L. *Reduction of Central Line Associated Blood Stream Infections After Adoption of Central Line Insertion and Maintenance Procedures*. University of Oklahoma Department of Pediatrics Research Day, Oklahoma City, Oklahoma, May 2015.
10. **Carroll T**, Carroll M. *A Case of Methemoglobinemia in a Pediatric Oncology Patient Receiving Bactrim Prophylaxis.* University of Oklahoma Department of Pediatrics Research Day, Oklahoma City, Oklahoma, May 2015.

**PRESENTATIONS (continued) \*indicates mentored trainee**

**Poster Presentations**

1. **Carroll T**. *Needs Assessment for Pediatric Palliative Care at OU Medical Center.* University of Oklahoma Department of Pediatrics Research Day, Oklahoma City, Oklahoma, May 2015.
2. DeLeon S, Mehdi N, Dupuis G, Rivas G, Montgomery S, Duncan P, **Carroll T**. *The Development of an Integrated Asthma Clinical Pathway at OU Children’s Hospital*. University of Oklahoma Department of Pediatrics Research Day, Oklahoma City, Oklahoma, May 2015.
3. Ericksen R\*, **Carroll T**. *The Use of Procalcitonin in Predicting Bacterial Co-Infection in Children with Respiratory Failure from Viral Bronchiolitis.* University of Oklahoma Department of Pediatrics Research Day, Oklahoma City, Oklahoma, May 2015.
4. Cruickshank A\*, **Carroll T**, Meyer W. *Retrospective Review of the Incidence of Central Line Infections, and Thromboses in the Pediatric Hematology/Oncology Population.* University of Oklahoma Department of Pediatrics Research Day, Oklahoma City, Oklahoma, May 2015.
5. **Carroll T**, Tortoriello-Raymond Tia, Dimas Vivian. *Vasopressin Rescue for In-Pediatric Intensive Care Unit Cardiopulmonary Arrest Refractory to Initial Epinephrine Dosing: A Prospective Feasibility Pilot Trial.* Society of Critical Care Medicine National Conference, Miami, Florida, January 2010.
6. **Carroll T**, Sanchez P. *Clinical and Laboratory Prevention of Neonatal Herpes Simplex Virus: Retrospective Analysis and Literature Review*. Pediatric Academic Society National Meeting, May 2005.
7. **Carroll T**, Quigley R. *Case Report: Acute Hepatitis, Nephritis and Pancreatitis in a Pediatric Patient Associated with Oxacillin Therapy.* Honorable mention in the Resident Section poster exhibit at the Texas Pediatric Society Annual Meeting, September 2004.

**Platform Presentations**

***Local/State***

1. **Carroll T**. Pediatric Sedation. Presented at Nemours Children’s Health Pediatric Grand Rounds in association with HCA Florida West. March 2024
2. **Carroll T**. *Status Epilepticus*. Presented at University of Oklahoma Pediatric Grand Rounds, August 2021.
3. **Carroll T.** *Integrated Palliative Care Practices for Children with Complex Chronic Conditions.* Presented at University of Oklahoma Palliative Care Summit, November 2015.
4. **Carroll T.** *Use of Procalcitonin for Detection of Invasive Bacterial Infection in Children*. Presented at University of Oklahoma Pediatric Grand Rounds, May 2013.
5. **Carroll T.** *Vasopressin Rescue for In-Hospital Pediatric Cardiopulmonary Arrest Refractory to Initial Epinephrine Dosing: A Pilot Trial.* Presented at University of Oklahoma Pediatric Grand Rounds, July 2011.
6. **Carroll T,** Neese B, Pigg K**.** *Predictors of In Vitro Fertilization Success in Patients Stratified by the Cycle of Artificial Reproductive Technology*. Presented at the University of Kansas School of Medicine: Department of Preventative Medicine, April 2002.
7. **Carroll T.** *Progressive Multifocal Leukoencephalopathy.* Case presentation for Kansas American College of Physicians Meeting, September 2001.

***Regional/National***

1. **Carroll T**. Keeping Kids Save. Avoiding Heat Related Illnesses. Webinar presented to the public through Nemours Children’s Health. June 2023
2. Ericksen R\*, Guthrie C, **Carroll T**. *The Use of Procalcitonin for Prediction of Pulmonary Bacterial Co- infection in Children with Respiratory Failure Associated with Viral Bronchiolitis*. Presented at the Society of Academic Emergency Medicine, May 2016.

**PRESENTATIONS (continued) \*indicates mentored trainee**

**Platform Presentations**

***Regional/National***

1. **Carroll T**, Perron L. *Reduction of Central Line Associated Blood Stream Infections After Adoption of Central Line Insertion and Maintenance Procedures*. Presented at Southern Regional Meeting of the Southern Society for Pediatric Research. February 2016. **Awarded SAFMR/SSCI Junior Faculty Research Travel Award.**
2. Cruickshank A\*, Meyer W, **Carroll T**. *Central Line Associated Blood Stream Infections in Pediatric Hematology/Oncology Inpatients and Outpatients*. Presented at Western Regional Meeting of the Society for Pediatric Research. January 2016**. *Dr. Cruickshank* Awarded Scholar of the American Federation for Medical Research.**
3. **Carroll T**. *Pediatric Status Epilepticus*. Invited Grand Rounds presentation for University of Kansas School of Medicine-Wichita Department of Pediatrics. Wichita, KS. September 2015.
4. **Carroll T**, Tortoriello-Raymond T, Dimas V. *Vasopressin Rescue for In-Hospital Pediatric Cardiopulmonary Arrest Refractory to Initial Epinephrine Dosing: A Pilot Trial.* Abstract presented at Society of Critical Care Medicine National Conference, Miami, Florida, February 2010.
5. Tortoriello-Raymond T, **Carroll T**, Sales G, Cummings Morris M. *Effectiveness of the Informed Consent Process for a Pediatric Resuscitation Program.* Presented at AHA Scientific Sessions, Orlando, Florida,

2010.

**TEACHING EXPERIENCE**

1. **Medical Student Educational Rounds in Pediatrics and Critical Care**. 2022-Present. (1 student monthly)
2. **Pediatric Critical Care Inpatient Rounds**. **2009- 2022**. Pediatric residents (4 per month; approximately 120 service days per year).
3. **Pediatric Critical Care Lectures for Pediatric Residents. 2017-2022.** Given to 15 OSU General Pediatric Residents twice per year.
4. **Pediatric Critical Care Journal Club. University of Oklahoma. 2011-2016.** Given once per year to 15 members of Pediatric Critical Care Section.
5. **Palliative Care Noon Conference Series. University of Oklahoma. 2011-2016.** Four 1-hour lectures per annually to 23 general pediatric residents.
6. **Pediatric Critical Care Morbidity and Mortality Conference. University of Oklahoma. 2011-2016.** Given monthly to15 members of Pediatric Critical Care Section.
7. **Pediatric Critical Care Nursing Lectures. University of Oklahoma. 2011-2016.** Given twice per year to 5-10 nurses.
8. **Mend-A-Heart Congenital Heart Care Lectures. University of Oklahoma. 2011-2016.** Given twice per year to 20 nurses and respiratory therapists.
9. **Critical Care Simulation Director. University of Oklahoma. 2011-2016.** Given four times per year to ten general pediatric residents per course.
10. **Monthly Critical Care Resident Lectures. University of Nevada School of Medicine Pediatric Residency. 2009-2011**. Gave 1-hour lectures monthly for 20 months to 20 residents;

**TEACHING EXPERIENCE (continued)**

**Mentoring and Advising**

 1. Ryan Erickson, MDDeveloped and obtained funding for Dr. Erickson’s fellowship project for Pediatric Emergency Medicine fellowship: *The Use of Procalcitonin in Predicting Bacterial Co-infection in Children with Respiratory Failure from Viral Bronchiolitis.* Funding included $2300 for patient testing and also served on his Scholarship Oversight Committee.

2. Amy Cruickshank, MDDeveloped Dr. Cruickshank’s fellowship project for Pediatric Oncology fellowship: *Citrate Ethanol Lock Therapy for Prevention of Central Line Associated Blood Stream Infections in Pediatric Oncology.* Total funding amount still under review and also served on her Scholarship Overnight Committee. Dr Cruickshank was named a scholar of the American Federation for Medical Research. I was her primary thesis advisor for her MS in Clinical and Translational Science

3. Melissa Brosset-Ugas, MD Mentored in the clinical care of a patient and then in her published case report: Salmonella Typhi Bacteremia associated to *Septic Shock and Acute Respiratory Distress Syndrome in a Teenage Patient*

4. Kassi Ackerman, MDDeveloped, mentored, and assisted in publication of Dr. Ackerman’s projectProvider Attitudes Toward Tracheostomy Usage in Prolonged Endotracheal Intubation in Pediatrics. I also spent a great deal of time advising Dr. Ackerman regarding a career in pediatric critical care including discussion of fellowship options.

5. Sruty Aiyaswamy, DO Developed and mentored Dr. Aiyaswamy’s project *Needs Assessment for Pediatric Palliative Care in a Community Pediatric Hospital*. I also spent a great deal of time advising Dr. Aiyaswamy regarding a career in pediatric critical care including discussion of fellowship options.

**Career Advising**

1. Steven Nye, MDSpent significant time advising regarding a career in pediatric critical care including discussion of fellowship and employment opportunities.

**Formal Case/Topic Presentations-Pediatric Residents**

1. **Carroll T.** Pediatric Palliative Care and Methods of Difficult Conversations. Invited lecture to Oklahoma State University College of Osteopathic Medicine Pediatric Residency. October 2021
2. **Carroll T.** Pediatric Palliative Care and Methods of Difficult Conversations. Invited lecture to Oklahoma State University College of Osteopathic Medicine Pediatric Residency. October 2019
3. **Carroll T**. Pediatric Status Asthmaticus. Invited lecture to Oklahoma State University College of Osteopathic Medicine Pediatric Residency. September 2018
4. **Carroll T**. Pediatric Shock and Neurologic Emergencies. Invited lecture to Oklahoma State University College of Osteopathic Medicine Pediatric Residency. March 2018
5. **Carroll T.** Pediatric Respiratory Failure and Shock States. Invited lecture to Oklahoma State University College of Osteopathic Medicine Pediatric Residency. July 2017
6. **Carroll T.** *Integrated Palliative Care Practices for Children with Complex Chronic Conditions.* Presented at University of Oklahoma Palliative Care Summit, April 2016

**TEACHING EXPERIENCE (continued)**

1. **Carroll T**. *Mechanical and Chemical Cardiovascular Support*. Invited lecture to University of Oklahoma Pediatric Critical Care Advanced Practice Providers, January 2016
2. **Carroll T**. *Status Epilepticus*. Invited lecture to University of Oklahoma Pediatric Residency, April 2015, March 2012
3. **Carroll T.** *Introduction to Pediatric Palliative Care*. Invited lecture to University of Oklahoma Pediatric Residency, April 2016, November 2014, November 2013
4. **Carroll T.** *Communication and Family Meetings in Palliative Care*. Invited lecture to University of Oklahoma Pediatric Residency, May 2016, January 2015, December 2014
5. **Carroll T.** *Medical Management in the Comfort Care Setting*. Invited lecture to University of Oklahoma Pediatric Residency, March 2014
6. **Carroll T.** *Single Ventricle Physiology*. Invited lecture to University of Oklahoma Mend a Heart cardiac education program, April 2015, October 2014, April 2014, October 2013
7. **Carroll T.** *DKA, DI, SIADH*. Invited lecture to OU Children’s Hospital PICU nursing residency, August 2016, July 2016, November 2015, June 2015, April 2015, November 2014, March 2014, September 2013, February 2012
8. **Carroll T.** *Status Asthmaticus*. Invited lecture to University of Nevada Pediatric Residency, February 2011
9. **Carroll T.** *Pediatric Sedation and Analgesia*. Invited lecture to University of Nevada Pediatric Residency, September 2010
10. **Carroll T.** *Status Epilepticus*. Invited lecture to University of Nevada Pediatric Residency Program and Sunrise Children’s Hospital Pediatric Transport Team, March 2010
11. **Carroll T.** *Diabetic Ketoacidosis*. Invited lecture to Sunrise Children’s Hospital Pediatric Transport Team, December 2010
12. **Carroll T.** *Manifestations of Herpes Simplex Virus in Pediatrics.* Given to UTSW pediatric residents at Pediatric in Review Conference, April 2004
13. **Carroll T.** *Case Report: Acute Hepatitis, Nephritis and Pancreatitis in a Pediatric Patient Associated with Oxacillin Therapy.* Presented to UTSW pediatric residents, March 2004

**Continuing Medical Education**

1. **Carroll T**. Common Pediatric Emergencies. Presented to Pace Fire Department and EMS. July 2023
2. **Carroll T.** *Integrated Palliative Care Practices for Children with Complex Chronic Conditions.* Presented at University of Oklahoma Palliative Care Summit, November 2015
3. **Carroll T.** *Pediatric Fever*. Invited presentation for Emergency Medical Services for children outreach program, March 2015
4. **Carroll T.** *Pediatric Assessment*. Invited presentation for Emergency Medical Services for children outreach program, February 2015
5. **Carroll T.** *Pediatric Traumatic Brain Injury*. Invited presentation for Emergency Medical Services for children outreach program, February 2013

**TEACHING EXPERIENCE (continued)**

**Continuing Medical Education**

1. **Carroll T.** *Pediatric Altered Mental Status*. Invited presentation for Emergency Medical Services for children outreach program, February 2013
2. **Carroll T.** *Pediatric Seizures*. Invited presentation for Emergency Medical Services for children outreach program, February 2013
3. **Carroll T.** *Pediatric Asthma*. Invited presentation for Emergency Medical Services for children outreach program, December 2012
4. **Carroll T.** *Pediatric**Shock*. Invited presentation for Emergency Medical Services for children outreach program, December 2012
5. **Carroll T.** *Pediatric CPR*. Invited presentation for Emergency Medical Services for children outreach program, December 2012
6. **Carroll T.** *Pediatric Airway Management*. Invited presentation for Emergency Medical Services for children outreach program, December 2012

**Journal Club Presentations**

1. **Carroll T. “**Comparison of Dopamine versus Epinephrine as First Line Vasoactive Drugs in Pediatric Shock. Presented to University of Oklahoma Section of Pediatric Critical Care. December 2015
2. **Carroll T.** “Tracheostomy Usage in the PICU”. Presented to University of Oklahoma Section of Pediatric Critical Care, January 2015
3. **Carroll T.** “Hyponatremia in Critical Care”. Presented to University of Oklahoma Section of Pediatric Critical Care, January 2014
4. **Carroll T.** “Procalcitonin for Detection of Invasive Bacterial Infection”. Presented to University of Oklahoma Section of Pediatric Critical Care, January 2013

**PROFESSIONAL SERVICE**

**Clinical/Patient Care**

 **Pediatric Critical Care Physician**

If a child has an illness or injury that results in an unstable critical condition, a hospital-based pediatric critical care specialist (pediatric intensivist) is called on to provide the special care that the child needs. Children who are critically ill require careful monitoring in a pediatric intensive care unit (PICU). Pediatric critical care specialists coordinate the care of these children, which is provided by a team of doctors, nurses, and other health care specialists. Pediatric intensivists are always available to manage any life-threatening emergencies in the hospital, in the ICU, and beyond, including on the general wards and in the emergency department. Pediatric critical care specialists are medical doctors who have earned a medical degree and had three years of pediatric specialty residency training and three years of fellowship training in pediatric critical care. Care is provided in shifts of 12–24-hour duration with an average of 15 shifts per month. During these shifts, I am responsible for the patients within the PICU. A board-certified intensive care specialist staffs the PICU 24 hours per day, 7 days per week.

**Clinical Leadership**

2023-Present **Chairperson, Department of Pediatrics**

 HCA Florida West Hospital, Pensacola, FL

2023-Present **Medical Director, Pediatric Critical Care**

 HCA Florida West Hospital, Pensacola, FL,

Nemours Children’s Health

2016-2022 **Created** **Best Practice Critical Care Order Sets Children’s Hospital at St. Francis PICU**

* Traumatic Brain Injury
* Pentobarbital Coma
* Diabetes Insipidus
* Status Asthmaticus
* Neuromuscular Weakness
* High Flow Nasal Cannula

2015 **Airway Equipment Transition/Patient Safety Group, Univ of Oklahoma**

 Brite Pro Solo Disposable Laryngoscope transition

2014-2016 **Pediatric Palliative Care Executive Committee**

University of Oklahoma

2013 **Pediatric Palliative Care Organization Committee**

 Developed this group and led development of Pediatric palliative care services atThe Children’s Hospital at OU Medical Center

2013-2016 **Simulation Director for Pediatric Critical Care**

University of Oklahoma Pediatric Residency

2012-2016 **Code Blue Team Director**

 The Children’s Hospital at OU Medical Center

* Created Code Blue Team with established personnel and roles to improve patient emergency care
* Established Code Blue Team Activation Database for Quality Improvement

2012-2016 **Children’s Hospital Association PICU Central Line Associated Blood Stream Infection (CLABSI) Reduction Physician Director**

 The Children’s Hospital at OU Medical Center

2012-2016 **Created** **Best Practice Critical Care Order Sets**

* Phenobarbital Coma
* Status Asthmaticus
* Diabetes Insipidus
* Bronchiolitis
* Traumatic Brain Injury
* Diabetic Ketoacidosis (DKA)
* Continuous Renal Replacement Therapy (CRRT)
* Pediatric Stroke
* Narcotic/Benzodiazepine Withdrawal

 The Children’s Hospital at OU Medical Center

**Clinical Leadership**

2009-2011 **Residency Education Director**

 Sunrise Children’s Hospital PICU

2009-2011 **Director of Critical Care Renal Replacement Therapy**

 Sunrise Children’s Hospital

2005 **Physician Training on Electronic Medical Record Co-Medical Director**

 Children’s Medical Center Dallas

2002-2005 **Medical Informatics Physician Advisory Board**

 Children’s Medical Center Dallas

**Committee Service**

2024-Present **Texting and PHI Compliance Task Force**

 Nemours Children’s Health

2024-Present **Ethics Review Committee**

 HCA Florida West Hospital, Pensacola, FL

2024-Present **Antimicrobial Stewardship Committee**

 HCA Florida West Hospital, Pensacola, FL

2024-Present **Patient Safety Committee**

 HCA Florida West Hospital, Pensacola, FL

2023-Present **Sepsis Committee**

 HCA Florida West Hospital, Pensacola, FL

2022-Present **Medical Executive Committee**

 HCA Florida West Hospital, Pensacola, FL

2022-Present **Critical Care Committee**

 HCA Florida West Hospital, Pensacola, FL

2022-Present **Pediatric Strategic Growth Committee**

 HCA Florida West Hospital, Pensacola, FL

2022-Present **Sedation Committee**

 HCA Florida West Hospital, Pensacola, FL

2022-Present **Physician Practice Advisory Council**

 HCA Florida West Hospital, Pensacola, FL

2016-2022 **Graduate Medical Education Committee**

 Saint Francis Children’s Hospital, Tulsa, OK

2013-2016 **Children’s Hospital Donor Awareness Committee**

The Children’s Hospital at OU Medical Center

2013-2016 **Pediatric Escalation of Care Committee**

 The Children’s Hospital at OU Medical Center

2013-2016 **Children’s and Women’s Quality Committee**

 The Children’s Hospital at OU Medical Center

**Committee Service (cont)**

2011 **Pharmacy and Therapeutics Committee**

 Sunrise Children’s Hospital

2010-2012 **HCA National Pediatric Cardiac ICU Research Consortium Steering Committee**

2004-2008 **Pain Control Committee**

 Children’s Medical Center Dallas

2003-2005 **Residency Curriculum Committee**

 Children’s Medical Center Dallas

**College Service**

2015-2016 **Attendance of White Coat Ceremony**

 University of Oklahoma College of Medicine

2015 **Attendance of Commencement Exercises**

 University of Oklahoma College of Medicine

 **Organizational Service**

2012-Present **Key Opinion Leader** in Pediatric infection and use of Procalcitonin for Thermofisher Inc

**HONORS AND AWARDS**

2016 SAFMR/SSCI Junior Faculty Research Travel Award

 American Federation for Medical Research, Southern Regional Meeting

2015 Faculty of the Month

 The University of Oklahoma Department of Pediatrics

2010 Sunrise Children’s Hospital PICU Physician of the Month

2008 AMA Young Investigator Grant

2004 Honorable Mention at the Texas Pediatric Society Poster Competition for *Case Report: Acute Nephritis, Hepatitis and Pancreatitis in a Pediatric Patient Associated with Oxacillin Therapy*

2004 Above and Beyond Resident Award (4 times)

 University of Texas Southwestern Pediatric Residency

1998 Magna Cum Laude

 Fort Hays State University; Hays, Kansas

1998 All American Scholar

 Fort Hays State University; Hays, Kansas

1997 Phi Eta Sigma National Honor Society

 Fort Hays State University; Hays, Kansas

1997 Who’s Who Among American College Students

 Fort Hays State University; Hays, Kansas

1997 Pi Kappa Delta Honor Society President

 Fort Hays State University; Hays, Kansas

1997 Mortar Board

 Fort Hays State University; Hays, Kansas

**HONORS AND AWARDS (cont)**

1996 17th Speaker

 Cross Examination Debate Association (CEDA) National Tournament

1996 National Finalist

 CEDA National Debate Tournament

1994-1998 Dean’s List

 Fort Hays State University; Hays, Kansas

1994-1996 Fort Hays State Debate Team President

 Fort Hays State University; Hays, Kansas

**PROFESSIONAL MEMBERSHIPS**

2009-Present Fellow, American Academy of Pediatrics, Critical Care Section

2009-Present American Board of Pediatrics

2009-Present Society of Critical Care Medicine

2018-2022 Tulsa Catholic Medical Association

2015-2020 American Federation for Medical Research

2015-2020 Southern Society for Pediatric Research

2009-2012 American Heart Association

**PROFESSIONAL GROWTH AND DEVELOPMENT**

2024 Leadership Acceleration Program

 Nemours Children’s Health

2020 Florida Department of Health, Medical Doctor Expert Witness Certificate. Certificate MEEW7350

2019 Centrimag ECMO Clinical Operations and Patient Management Course

2018-2019 Passmachine Pediatric Critical Care Board Review

2017 Certificate in Patient Safety

Armstrong Institute for Patient Safety and Quality,

Johns Hopkins University

2016 University of Oklahoma Lean Institute

 Lean Six Sigma White Belt Training

2016 Pediatric Critical Care Colloquium: Foundations and Innovations, New York, New York

2015 Southern Society for Pediatric Research Southern Regional Meeting, New Orleans, Louisiana

2012-Present Collaborative Institutional Training Initiative (CITI) Certificate

2012 Children’s Hospital Association PICU Central Venous Access Blood Stream Infection Collaborative Workshop

2011-2016 Pediatric Critical Care Journal Club attended monthly.

**PROFESSIONAL GROWTH AND DEVELOPMENT**

2011-2016 Pediatric Critical Care Morbidity and Mortality Conference attended monthly.

2011-Present Pediatric Review and Education Program Annual ICU Review Materials

2010 Emergency and Critical Care Ultrasound Certification

2010-Present Pediatric Advance Life Support Recertification

2010 Society of Critical Care Medicine Pediatric Critical Care Board Review

2010 Society of Critical Care Medicine National Congress

2009 American Heart Association Scientific Sections

2007 Advanced Trauma Life Support Certification