ROBIN A. CRAIG, DO FAAP

Home Address
149 Jacobs Landing Way
Danville, PA 17821
rcraig@geisinger.edu
(732) 816-4296

Employment

Pediatric Critical Care Attending — 2021- Present
Janet Weis Children's Hospital
Geisinger Medical Center
Danville, PA
Department Chair Pediatrics/ Pediatric Critical Care Medicine Division Chief: Frank Maffei, MD

Postgraduate Training

Fellowship, Pediatric Critical Care Medicine — 2018- 2021
John R. Oishei Children's Hospital
Jacobs School of Medicine and Biomedical Sciences
University at Buffalo, Buffalo, NY
Fellowship Director: Omar Alibrahim, MD

Residency, Pediatrics — 2015- 2018
K. Hovnanian Children's Hospital
Jersey Shore University Medical Center
Hackensack Meridian Health, Neptune, NJ
Residency Director: Paul Schwartzberg, DO

Education

Master's Degree in Education — 2025- anticipated complete 2027
University of Cincinnati and Cincinnati Children's Hospital- Cincinnati, Ohio

Doctor of Osteopathic Medicine — 2011- 2015
Rowan School of Osteopathic Medicine (RowanSOM) (Formerly UMDNJ-SOM), Stratford, NJ

Bachelor of Science, Biology with a concentration in Molecular Cell Physiology — 2007- 2011
Minor: Chemistry
Magna Cum Laude, Dean's List
Monmouth University, West Long Branch, NJ

Academic Appointments

Assistant Professor of Pediatrics — Jan 2022- Present
Geisinger Commonwealth School of Medicine
Department of Medical Education
Danville, PA

Clinical Adjunct Assistant Professor of Pediatrics — Mar 2025-Present
Philadelphia College of Osteopathic Medicine
Department of Pediatrics
Philadelphia, PA

Certificates

Graduate Certificate in Medical Education — 2023-2025
University of Cincinnati and Cincinnati Children's Hospital- Cincinnati, Ohio

Medical Education Certificate Course- Geisinger — 2022- 2023
Geisinger Medical Center, Danville, PA

Board Certifications

American Board of Pediatrics- General Pediatric Certifying Exam — October 2018

American Board of Pediatric- Pediatric Critical Care Certifying Exam — November 2024

Medical Licensures

Pennsylvania State Physician License	2021- Present
New Jersey State Physician License	2018- Present
DEA Controlled Substance	2021- Present

Professional Licensures

Instructor- ACS Trauma Life Support	2023- Present
Instructor- Pediatric Advanced Life Support	2023- Present
Instructor- Pediatric Fundamentals of Critical Care Support	2022- Present
Director- Pediatric Fundamentals of Critical Care Support	2023- Present
ACS Advanced Trauma Life Support	2022- Present
American Heart Association Basic Life Support for Healthcare Provider	2015- Present
American Heart Association Pediatric Advanced Life Support	2015- Present

Honors and Awards

Third Place- Best Case Report - Hackensack Meridian Health Research Day	2017
Outstanding Achievement in Cell Biology, RowanSOM	2015
SOMA Foundation International Medical Relief/Medical Mission Scholarship	2015
Alumni Association Book Award, RowanSOM	2014
Alumni Association Scholarship, UMDNJ-SOM	2013

Professional Memberships

Society of Critical Care Medicine
American Academy of Pediatrics
AMEE
Alpha Epsilon Lambda- Alpha Chi- National Honor Society
AOA

Educational Leadership

2025- Present — Geisinger Commonwealth School of Medicine (GCSOM) Central Region Pediatric Clerkship Director
Responsibilities include but are not limited to supporting curriculum development and the comparability of courses across regions for their discipline and serving as a clerkship preceptor of GCSOM students assigned to the central region.

2023-Present — Director Pediatric Fundamentals of Critical Care Support (PFCCS)
International educational curriculum created by the Society of Critical Care Medicine. Direct two sessions yearly of the course that are available to the international community.

2022- Present — Pediatric Residency Core Faculty Member
Work with the residency program as the pediatric Critical Care representative on the pediatric core faculty, member of the pediatric curriculum committee, and the pediatric residency competency committee

2020- 2021 — University At Buffalo Pediatric Critical Care Chief Fellow
Worked with program leadership to organize fellow schedules, arrange, and plan fellow educational sessions, and act as a go between for the fellows and program leadership.

2015- 2016 — JSUMC Pediatrics First Year Class Representative
Work as a liaison between the intern class and the Attendings and Administration. Serve as a resident member of the Pediatric Residency Education Committee, and the Program Evaluation Committee. Develop the weekend and holiday schedule for the intern class.

Service to the University

2025- Present — Geisinger Health Sciences Faculty Senate At-Large Member

2011- 2015 — UMDNJ-SOM/RowanSOM Class of 2015 Class Council- Student Affairs Representative, Stratford, NJ

2013- 2015 RowanSOM Class of 2015- Rotation Track Leader, Stratford, NJ

Service to the Community

2015- 2018 Missionaries of the Poor, Kingston, Jamaica
Volunteered for two weeks each year at two orphanages run by The Missionaries of the Poor in Kingston, Jamaica which house over 100 children. Performed physical exams on all the children, adjusted medication doses, diagnosed, and treated illness, provided wound care, and helped to train the staff in basic first aid and medical care.

2018- 2020 Associate Director- Missionaries of the Poor- RowanSOM Jamaica Medical Mission
Direct and help to organize the Pediatric component of the yearly two-week medical mission trip. This includes working at the orphanage with and teaching the medical students who accompany us, as well as organizing Pediatric learning goals prior to the trip.

Teaching Experience/ Educational Projects

2022- Present Geisinger Academy of Educators Member

2022- Present Creator and editor of the Janet Weis Children's Hospital Pediatric Reference Handbook for the Pediatric Resident/ Medical Student ICU Rotation.

2022- Present Pediatric Critical Care Resident/ Medical Student Didactic and Simulation curriculum.

2021- Present Pediatric Fundamentals of Critical Care Support- Course Instructor and Director (2023-present) Geisinger Medical Center

2018- 2021 Fellow Lecture Series: Basics of Mechanical Ventilation, Sickle Cell in the ICU, Pulmonary Hypertension, Status Epilepticus, ARDS and use of the Oscillator, Toxidromes, PICU/ED joint conference: The Peri-arrest Patient, M&M, ECMO QA, Journal Clubs.

Invited Presentations

Craig, R. "Judge them by their size, do you?" Conference presenter at the 20th Annual Fall into Step Respiratory Care Conference at Geisinger Medical Center. Danville PA, Sept 2025

Craig, R. "Normothermic regional perfusion in Pediatric DCD". Conference presenter Pediatric Critical Care Clinical Conference Series. Janet Weis Children's Hospital, Geisinger Medical Center. Danville, PA. Sept 2025

Craig, R. "Lidocaine prior to propofol infusion. Does it actually help?". Conference presenter Pediatric sedation conference series, Janet Weis Children's Hospital. Danville, PA. Sept 2025

Craig, R. "Altered Mental Status" Conference presenter for intern bootcamp. Janet Weis Children's Hospital, Geisinger Medical Center. Danville, PA. July 2024 and July 2025

Craig, R., Azar, J. "Negative Pressure Ventilation in the Pediatric ICU- Everything Old is New Again." Conference presenter at Janet Weis Children's Hospital Pediatric Grand Rounds. Danville, PA. March 2024

Craig, R. "Negative Pressure Ventilation in the Pediatric ICU- When the Old Becomes New Again." Conference presenter at 15th Annual Clinical Cornucopia. Danville, PA. October 2023

Craig, R. "Negative Pressure Ventilation in Pediatrics" Conference Presenter Pediatric Critical Care Clinical Conference Series. Janet Weis Children's Hospital. Danville, PA. May 2022

Research Projects

2023-Present ***Negative Pressure Ventilation use in a Rural Pediatric Hospital***
Study PI: responsible for design, data collection and analysis and manuscript
Manuscript being prepared.
Preliminary data presented in abstract for at the Society of Critical Care Medicine Annual Congress 2025.

2018- 2021 ***Clinical factors associated with higher yield of head Computed Tomography (CT) scans in critically ill children with acute neurologic changes.***

Study PI: responsible for design, all data collection, and data analysis.
Preliminary data presented in abstract form for Annual Congress of the Society of Critical Care Medicine Conference 2020.

2020- 2021 ***Pediatric Critical Care Fellow Educational Resource***
Project PI: Quality Improvement project to create a resource for the Pediatric Critical Care Fellows that includes access to all lectures, important articles, and online resources that is updated continuously throughout the year to provide an ongoing resource for current and former fellows.

2016- 2018 ***Survey of Pediatric Intensivists and Neurologists regarding Anti-NMDA Receptor Encephalitis***
Study PI: responsible for design, survey distribution, data analysis, and poster presentation.
Survey of physicians regarding diagnosis, management, and treatment of patients with Anti-NMDA Receptor Encephalitis. Found that there is a wide range of management as well as treatment strategies among Pediatric Intensivists and Neurologists in NJ.

2015- 2016 ***Improving Rates and Referrals of Developmental and Mental Health Screening***.
Study PI: responsible for design, data collection, data analysis, and poster presentation.
This QI project implemented at the Jane H. Booker Family Health Center associated with JSUMC to improve screening and referrals. This QI project was selected for poster presentation at the AAP conference in Oct 2016.

2012 ***Assessment of Body Mass Index in Relationship to Pregnancy Outcomes in Underprivileged Pregnant Women*.**
Study PI: responsible for design, data collection, data analysis, and poster presentation. SEARCH/COPC sponsored research. Conducted research under the supervision of Dr. Raksha Joshi looking at the BMI of 400 pregnant patients and how BMI affected pregnancy outcomes. Data Presented at SEARCH/COPC yearly conference.

2010 ***Antibacterial Activity of Phaeophyscia adiastola Against Three Different Strains of Methicillin Resistant Staphylococcus aureus and Staphylococcus epidermidis.***
Study PI: responsible for design, bench research, data collection, data analysis, and abstract and poster presentation. Poster presented at the New Jersey Academy of Science Annual Meeting. Kean University, NJ, April 2010. Abstract published in *The Bulletin* April 2010.

Peer Reviewed Manuscripts

Martone GM, Nanjireddy PM, **Craig RA,** Prout AJ, Higman MA, Kelly KM, Ambrusko SJ. Acute hepatic encephalopathy and multiorgan failure in sickle cell disease and COVID-19. Pediatric Blood Cancer. 2021 May;68(5): e28874. doi: 10.1002/pbc.28874. Epub 2021 Jan 23. PMID: 33484077; PMCID: PMC7995186

Abstracts

Vamosi B, Otersen E, Azar JM, **Craig R.** 1215: Negative pressure ventilation utilization in a rural PICU. *Critical Care Medicine*. 2025; 53(1): doi: 10.1097/01.ccm.0001103524.92017.5d

Cahill C, **Craig R**, Azar JM. 1456: Early vs late chest tube placement in necrotizing pneumonia at a rural children's hospital. *Critical Care Medicine*. 2025; 53(1): doi: 10.1097/01.ccm.0001104488.41996.7b

Craig, R., Assioun, J., Wilkowski, S., Alibrahim, O., 693: Pasteurella Multocida Meningitis in a Healthy Neonate, *Critical Care Medicine*, 49(1), 342. Presented at: Society of Critical Care Medicine 50th Critical Care Congress; 2021 Jan

Craig, R., & Koshel, C. 619: Late-Occurring Cardiac Tamponade Following Pediatric Hematopoietic Stem Cell Transplant. *Critical Care Medicine*, *49*(1), 303. Presented at: Society of Critical Care Medicine 50th Critical Care Congress; 2021 Jan

Craig, R, Hassinger, A. Factors Associated with Remarkable Head CTs in Critically Ill Children with Altered Mental Status. *Critical Care Medicine* 2020; 48(1) 696. Presented at: Society of Critical Care Medicine 49th Critical Care Congress; 2020 Feb; Orlando, Fl

Craig, R, Breuer, R. Acute Polyinfection Producing Exorbitant Rhabomyolysis and Renal Failure. *Critical Care Medicine* 2020; 48(1) 1429. Presented at: Society of Critical Care Medicine 49th Critical Care Congress; 2020 Feb; Orlando, Fl

Poster Presentations

Vamosi, B., **Craig, R**., Maffei, F. Myasthenic Crisis in a Child Presenting as an Acute Traumatic Injury. Presented at Pennsylvania AAP Conference; March 2024

Craig, R. Pediatric Resident Critical Care Didactic and Simulation Curriculum. Presented at the 28th Annual Geisinger Scholarship Days, Danville, PA May 2023.

Craig, R, Maccarrick, M. Survey of Pediatric Intensivists and Neurologists recognition and understanding of Anti-NMDA. Presented at Hackensack Meridian Health Research Day, Neptune, NJ, June 2018.

Craig, R, Cromwell, L, Sultan, R. A Case of Suspected Keppra Induced Intracranial Hypertension and Chemical Meningitis. Presented at Hackensack Meridian Health Research Day, Neptune, NJ, June 2018

Bakos, A, Boulos, L, **Craig, R,** Bal, A, Dawis, M, Lewis, J. The One Tick Wonder. A Case of Babesiosis. Third Place for Case Report Poster Presentation. Presented at Hackensack Meridian Health Research Day, Neptune, NJ, June 2017.

Gapinski, M, **Craig, R**, Sultan, R, Schwartzberg, P. A Walking Diagnosis- A Changing Neurological Exam Associated with A Case of Acute Disseminated Encephalomyelitis. Presented at Hackensack Meridian Health Research Day, Neptune, NJ, June 2017.

Craig, R, Naganathan, S, Ballance C, Schairer, J, St. Fleur. R. Improving Rates and Referrals of Developmental and Mental Health Screening. Presented at the American Academy of Pediatrics National Convention. San Francisco, CA, Oct 2016. Presented at Hackensack Meridian Health Research Day, Neptune NJ, June 2017.

Craig, R, Forster, B, Sultan, R. Complete Third Nerve Palsy, Presentation of Idiopathic 3rd Nerve Palsy. Presented at Meridian Research Day, Neptune, NJ, June 2016.

Craig, R, Ivashchuk, A, Schwartzberg, P, Nahkleh, N. Diaphragmatic Hernia- An Incidental Finding in a 13-Month-Old. Presented at Meridian Research Day, Neptune, NJ, June 2016.

Craig, R, St. Fleur, R, Karatas, M. An Unexpected Delivery- Hypoplasia of the Right Toes Associated with Cardiac Anomalies and Sacral Dimples. Presented at Meridian Research Day, Neptune, NJ, June 2016.

Craig, R, Paternostro, A, Tong, C, Joshi, R. Assessment of Body Mass Index in Relationship to Pregnancy Outcomes in Underprivileged Pregnant Women. Presented at SEARCH/COPC. Robert Wood Johnson Medical School, Piscataway, NJ, July 2012.

Craig, R, Mack, J, Witty, M. Antibacterial Activity of Phaeophyscia adiastola Against Three Different Strains of Methicillin Resistant Staphylococcus aureus and Staphylococcus epidermidis. Presented at the New Jersey Academy of Science Annual Meeting. Kean University, NJ, April 2010.

Other Publications

Craig, R (2017). "Serendipity." *New Jersey Pediatrics,* Fall 2017.

Grants

2022	CY2023-Children's Miracle Network Grant for funding for ICU equipment: Hayek- RTX Negative Pressure Ventilator.
2023	CY2024- Children's Miracle Network Grant for funding for ICU equipment: Hayek- RTX Negative Pressure Ventilator additional cuirass sizes for expanded patient use.