

Curriculum Vitae

Celia Ligorski, DO, MPH FAAP

PERSONAL HISTORY:

Current Position: Assistant Professor, *Core Faculty*
Department of Pediatrics, Section of Emergency Medicine
University of Colorado School of Medicine

Work Address: Children's Hospital Colorado
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EDUCATION:

2008-2012 BS, Nutritional Sciences, Pennsylvania State University, *University Park, Pennsylvania*

2012-2013 Non Matriculating Student, University of Medicine and Dentistry of New Jersey School of Biomedical Sciences, *Newark, NJ*

2013-2017 DO, Rowan University School of Osteopathic Medicine (Formerly the University of Medicine and Dentistry of New Jersey), *Stratford, NJ*

2017-2020 Pediatrics Residency Categorical Track, Nationwide Children's Hospital/ Ohio State University, *Columbus, OH*

- Medical Education Advanced Competency
- Research Advanced Competency

2021-2024 Pediatric Emergency Medicine Fellowship, Nationwide Children's Hospital/ Ohio State University, *Columbus, OH*

2022- Present MPH, Biostatistics, The Ohio State University, School of Public Health, *Columbus, OH.*

ACADEMIC APPOINTMENTS:

2020-2021 Faculty General Emergency Medicine Pediatrician, Nationwide Children's Hospital, Department of Pediatrics, Section of Emergency Medicine State University, *Columbus OH*

2024-Present Assistant Professor, University of Colorado, Department of Pediatrics, Section of Emergency Medicine

HONORS, SPECIAL RECOGNITION & AWARDS:

2020	Leslie Mihalov Outstanding Resident of the Year Award, Emergency Medicine Resident, Nationwide Children's Hospital. <i>Columbus, OH</i>
2022- 2024	Nationwide Children's Hospital, Department of Pediatrics Advanced Degree Funding, Nationwide Children's Hospital, <i>Columbus, OH</i>
2022-2024	Nationwide Children's Hospital Clinical and Translational Research Intramural Grant, Nationwide Children's Hospital, <i>Columbus, OH</i>
2024	Emergency Medicine 2024 Outstanding Fellow Researcher, Department of Emergency Medicine, Nationwide Children's Hospital. <i>Columbus, OH</i>
2025	Top 10% emergency department provider based on Patient-Family Experience (PFX) surveys

1. MEMBERSHIPS (PAST/PRESENT) IN PROFESSIONAL ORGANIZATIONS

2016-present	Gold Humanism Honor Society
2016-present	American Academy of Pediatrics
2018-2021	Society of Critical Care medicine
2023-2024	The Pediatric Emergency Care Applied Research Network (PECARN) - Critical Illness Interest Group
2020-present	American College of Emergency Physicians
2020-present	Society of Academic Emergency Medicine

2. COMMITTEE MEMBERSHIP AND SERVICE RESPONSIBILITIES

Pennsylvania State University

2009-2011	Facing Change Network Intern, Hillel International, <i>University Park, PA</i>
2009-2011	Presidential Leadership Academy, <i>University Park, PA</i>
2009-2011	Penn State University THON, Hospitality Committee Member
2011-2012	Penn State University THON, Hospitality Captain

Rowan University School of Osteopathic Medicine

2013-2015	Rowan School of Osteopathic Medicine OMM Clinic
2014	Jewish Medical Ethics and Israel Experience, New England Institute of Medical Studies, The Schlesinger Institute and Shaare Zedick Medical Center
2014-2015	Synapse Wellness Chair
2015-2017	Camden Health Clinic, Student Doctor Volunteer

Nationwide Children's Hospital, Pediatrics Residency

2018-2020	Fellow Resident Advisory Committee: Elected Member
2018-2020	Advanced Competency in Medical Education
2018-2020	Advanced Competency in Research

2019-2020	Nationwide Children's Quality Initiative: Interventions to improve the accuracy of Problem List within Nationwide Children's Electronic Medical Record
2018-2020	Pediatric ICU Medical Education Curriculum and Research: Effectiveness of an online module on pediatric resident perception of preparedness for pediatric intensive care unit rotation, Nationwide Children's Hospital; Department of Pediatric Critical Care

Nationwide Children's Hospital, Pediatrics Emergency Medicine Fellowship

2021-2024	Suspected Nonfatal Strangulation Clinical Pathway Strangulation Clinical Pathway.pdf
2022-2024	Post-Intubation Analgesia and Sedation Clinical Pathway and Order Set Development
2022-2024	Rapid Sequence Intubation Pathway and Checklist Update Rapid Sequence Intubation Pathway
2022-2024	Pediatric Emergency Medicine Administrative Fellow
2022-2024	Pediatric Level 2 Trauma Activation for all-terrain vehicles and motorized Cycles

University of Colorado, Department of Pediatrics, Section of Emergency Medicine

2024- Present	Resuscitation Committee Member, Children's Hospital Colorado, Section of Emergency Medicine
2024- Present	Medical Video Review Committee Member, Children's Hospital Colorado, Section of Emergency Medicine
2024- Present	PEM GUIDE (Pediatric Emergency Medicine Diversity and Inclusion) Committee Member, Children's Hospital Colorado, Section of Emergency Medicine
2025- Present	Trauma Video Review Committee Member, Children's Hospital Colorado, Department of Surgery
2025- Present	Every STORY Matters: Communication In Care, Facilitator, Children's Hospital Colorado, Department of Pediatrics
2025-Present	Post Cardiac Arrest Pathway Committee Member and Denver Metro PEM Representative, Children's Hospital Colorado, Department of Pediatrics
2026- Present	ECMO Cannulation for Cardiac Arrest Pathway Update and Working Group, Committee Member and Denver Metro PEM Representative, Children's Hospital Colorado, Department of Pediatrics
2026- Present	Febrile Infant Pathway Update Committee Member, Children's Hospital, Colorado, Department of Pediatrics Section of Emergency Medicine
2026- Present	University of Colorado IHQSE Improvement Academy, Pediatric Trauma Resuscitation and Management of Hemorrhagic Shock, Children's Hospital Colorado, Department of Surgery
2026 – Present	ED Continuous Infusion Working Group, Children's Hospital ,Colorado, Section of Emergency Medicine
2026 – Present	Early Career Faculty Working Group, Department of Pediatrics CU Anschutz School of Medicine
2026- Presents	Physiologic Difficulty Airway Checklist, Children's Hospital Colorado, Section of Emergency Medicine
2026- Present	ED to PICU Transfer Process Improvement, Lean Six Sigma Process Improvement Project, Children's Hospital of Colorado

National Member, American Academy of Pediatrics

2024-Present	AAP Better Assessment & Responses to Croup in Kids (BARCK) QI, Collaborative Member
2025- Present	AAP Clinical Event Debriefing QI Collaborative Member
2025- Present	IDEAS Calibrate Dx Learning Collaborative: Human Reasoning and Diagnostic Safety

3. LICENSURE, BOARD CERTIFICATION AND CERTIFICATIONS

Medical Licensure	State of Colorado (active)
Medical Licensure	State of Ohio (active)

Board certifications

2020	Board Certified in Pediatrics. #130162
2025	Board Certified in Pediatric Emergency Medicine #3678

Certifications

2017-2021	NRP
2027-2025	ACLS
2017- Present	PALS
2021- Present	ATLS
2020- Present	DEA

4. INVITED EXTRAMURAL LECTURES AND PRESENTATIONS

Regional

August 2023	<u>Ohio Regional EMS, "Neonatal Resuscitation after Precipitous Delivery in the ED". (Virtual)</u>
November 2023	<u>Ohio Regional EMS, "Pediatric Trauma for EMS". (Allen County, Ohio)</u>
October 2025	<u>Youth Concussion in the Primary Care Setting: Best Practice Recommendations for Athletics and the Classroom, Fall Education Day "Acute Head Injury Care in the Pediatric Setting". (Virtual)</u>

National

April 2026	<u>Ohio State University Wexner School of Medicine WIMS Webinar, Fertility and Assisted Reproductive Technology: A Guide for Academic Faculty (Virtual)</u>
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5. TEACHING RECORD

Lectures

January 2025	<u>CUSOM Seminar for ANS Longitudinal Integrated Clerkship Students: “Pediatric Alerted Mental Status” (Denver, CO)</u>
January 2025	<u>CUSOM Seminar for ANS Longitudinal Integrated Clerkship Students: “Pediatric Abdominal Pain” (Denver, CO)</u>
July 2025	<u>Pediatric Emergency Medicine Fellowship Education, “Airway Skills Training, Procedures, and Simulation to the Pediatric Emergency Medicine Fellows” (Denver, CO)</u>
August 2025	<u>Pediatric Resident Academic Half Day, “Major Trauma RCDP Sims”. (Denver CO)</u>
November 2025	<u>Pediatric Emergency Medicine Fellowship Education, “Neurosurgical Emergencies”. (Denver, CO)</u>
September 2025	<u>CUSOM Seminar for ANS Longitudinal Integrated Clerkship Students: “Pediatric Alerted Mental Status” (Denver, CO)</u>
September 2025	<u>CUSOM Seminar for ANS Longitudinal Integrated Clerkship Students: “Pediatric Abdominal Pain” (Denver, CO)</u>
March 2026	<u>CUSOM Seminar for ANS and VA LIC Students: “FOOSH Seminar Session” (Denver, CO)</u>

University of Colorado/Denver Health

2024-Present	Longitudinal Integrated Clerkship (LIC) Program, University of Colorado School of Medicine: EM Preceptor for medical students (MS IV)
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Children’s Hospital Colorado

2025- Present	Children’s Hospital Colorado Pediatric Residency Interviewer, University of Colorado
2025- Present	PEM Fellowship Core Faculty, University of Colorado, Children’s Hospital Colorado, Department of Pediatrics, Section of Emergency Medicine
2025- Present	Peer Mentorship Launch Program, Children’s Hospital Colorado, Section of Emergency Medicine
2026- Present	Selection Committee Member, University of Colorado PEM Fellowship
2026- Present	Collaborative Case Review facilitator, University of Colorado PEM Fellowship, Children’s Hospital Colorado

6. GRANT SUPPORT

2022-2024	Intramural Grant, Nationwide Children's Hospital, Abigail Wexner Research Institute, "Characterization of Post-Intubation Ventilation, Analgesia and Sedation in Children: (PIVAS-C)", IFPAWRI062022
Pending	PECARN Study Site PI, Traumatic Injury Clinical Trial Evaluating Tranexamic Acid (TIC-TOC) <i>Awaiting Funding Confirmation</i>

7. BIBLIOGRAPHY

Peer-reviewed Journals

1. Rezai S, **Ligorski C**, Hughes A, Fuller PN, Henderson CE (2017) Three Cases of Didelphys Uterus, Including Uterus Didelphys with Obstructed Hemivagina and Ipsilateral Renal Agenesis (OHVIRA Syndrome) AKA Herlyn-Werner-Wunderlich Syndrome, with a Systematic Review. *Obstet Gynecol Int J* 7(2)
2. Bergus K, Srinivas S, **Ligorski C**, Castellanos S, Thakkar R, Schwartz D. Impact of Surgical Team Involvement at the Time of Trauma Activation for Pediatric Patients With Motorized Cycle or All-Terrain Vehicle Injury Mechanism. *Pediatr Emerg Care*. 2024 Nov 1;40(11):e277-e282. doi: 10.1097/PEC.0000000000003261. Epub 2024 Aug 23. PMID: 39180175

Peer-Reviewed Books

1. **Ligorski C**, Jeong J. "Myocarditis" In: Hoffman RJ, Wang VJ, Okada P, Vu TT, eds. *Fleisher & Ludwig's 5-Minute Pediatric Emergency Medicine Consult*. 3rd Ed. Wolters Kluwer; Philadelphia, PA; 2024: pp 662-663
2. **Ligorski C**, Stukus K. "Sexually Transmitted Diseases" In: Hoffman RJ, Wang VJ, Okada P, Vu TT, eds. *Fleisher & Ludwig's 5-Minute Pediatric Emergency Medicine Consult*. 3rd Ed. Wolters Kluwer; Philadelphia, PA; 2024: pp 662-663
3. **Ligorski, C.** "Narrow Complex Tachycardia", State of Ohio Pediatric Guidelines and Procedures Manual; 2023

Oral Presentations

1. **Ligorski C**, Muszynski J, Hall MW. Anakinra for Hyperferritinemic MODS: A Single-Center Case Series. Research SnapShot Presentation, Society of Critical Care Medicine 48th Annual Congress, *San Diego CA* (February, 2019)
2. Boutzoukas A, **Ligorski C**, Steward C. (June, 2020). A Pilot Study of Effectiveness of an eLearning Module to Prepare Residents for the Pediatric Intensive Care Unit. *Presented as a virtual oral presentation due to the COVID-19 pandemic* at the Pediatric Academic Societies Medical Student/E-Learning SIG Workshop

3. **Ligorski C**, Helwig S, Kitzmiller M, Rust L, Bennett B, Cohen D. (April, 2023). A Characterization of Post-Intubation Ventilation, Analgesia and Sedation in Children: PIVAS-C. Oral Presentation, Research Retreat 2023. *Columbus OH*. Presentation was awarded Outstanding Presentation Award for breakout session *Optimizing Clinical Care in Emergency Medicine*
 - a. Accepted to Pediatric Emergency Care, *with revisions*

Poster Presentation

1. **Ligorski C**, Muszynski J, Hall MW. (October, 2019) Anakinra for Hyperferritinemic MODS: A Single-Center Case Series. Research SnapShot Presentation, Society of Critical Care Medicine 48th Annual Congress, *San Diego CA*
2. Boutzoukas A, **Ligorski C**, Steward C. (October, 2020) A Pilot Study of Effectiveness of an eLearning Module to Prepare Residents for the Pediatric Intensive Care Unit. The Research Institute at Nationwide Children's Research Retreat 2020. *Columbus OH*
3. **Ligorski C**, Helwig S, Kitzmiller M, Rust L, Bennett B, Cohen D. (November 2023). A Characterization of Post-Intubation Ventilation, Analgesia and Sedation in Children: PIVAS-C. Poster Presentation, Abigail Wexner Research Institute Retreat 2023. *Columbus, OH*.
4. **Ligorski C**, Helwig S, Kitzmiller M, Rust L, Bennett B, Cohen D. (May 2024), A Characterization of Post-Intubation Ventilation, Analgesia and Sedation in Children: PIVAS-C. Poster Presentation, Pediatric Academic Societies *Toronto, Canada*

05/07/2026