CURRICULUM VITAE
Robin L. McKinney, MD

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EDUCATION

8/1998-5/2002	BS	Bates College Lewiston, ME
10/2000-6/2001		University of Edinburgh (Studying abroad) Edinburgh, Scotland
2002-2004		Columbia University (Continuing Education) New York, NY
8/2005-5/2009	MD	St. George's University School of Medicine Grenada, West Indies Graduated Magna Cum Laude
7/2006		Prague, Czech Republic (Surgery Elective)

POSTGRADUATE TRAINING

7/2009-6/2012	Internship and Residency in Pediatrics State University of New York at Downstate Brooklyn, NY
7/2012-6/2015	Fellowship in Pediatric Critical Care Children's Hospital of Michigan/Wayne State Detroit, MI

AWARDS AND HONORS

2018	Teaching award, Division of Pediatric Critical Care Medicine
2020	Teaching award, Division of Pediatric Critical Care Medicine
2020	Travel Award: 6th annual Children's Hospital of Philadelphia Chronic Lung Disease Conference
2021	Teaching award, Division of Pediatric Critical Care Medicine
2022	Dean's Excellence in Teaching Award. Warren Alpert Medical School
2023	Teaching award, Division of Pediatric Critical Care Medicine
2024	Lifespan Physician Group Academic Committee Clinician Scholar award.

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

2012-2015	State of Michigan Physician License
2015-present	State of Rhode Island Physician License
2012-present	American Board of Pediatrics, General Pediatrics
2016-present	American Board of Pediatrics, Critical Care Medicine
2023-present	Pediatric Advanced Life Support (PALS)

ACADEMIC APPOINTMENTS

2015-2022 Assistant Professor of Pediatrics Clinical Educator
Warren Alpert School of Medicine, Brown University, Providence, RI
2022-present Associate Professor of Pediatrics Clinical Educator
Warren Alpert School of Medicine, Brown University, Providence, RI

HOSPITAL APPOINTMENTS

2015 Attending Physician
Pediatric Critical Care
Rhode Island Hospital/Hasbro Children's Hospital, Providence, RI

PROFESSIONAL PUBLIC SERVICE

INTERNATIONAL

2023-2026 Executive Board Member BPD Collaborative (international organization with over 60 members)
2017-present BPD Collaborative: Chair - Ventilation Ad Hoc Group
2021-present Planning Committee for The BPD Collaboratives annual meeting.

NATIONAL

2025-present Early investigator award grant reviewer – BPD Collaborative
2026 CHOP CLD 12th annual Conference and BPD Collaborative Poster Judge

JOURNAL REVIEWER

2017-present Reviewer *Trials*, online open access Journal
2020-present Reviewer: *BMC Pediatrics*
2020-present Reviewer: *BMJ Open Respiratory Research*
2021-present Reviewer: *Frontiers in Pediatrics*
2022-2023 Guest Editor Frontiers in Pediatrics, special edition on Bronchopulmonary Dysplasia
2022-present Reviewer for *Pediatric Pulmonology*
2023-present Reviewer for *Healthcare*

ABSTRACT REVIWER

2019-present Abstract Reviewer for the Society of Critical Care Medicine
2019-present Abstract Reviewer for Pediatric Academic Society

HOSPITAL COMMITTEES

2010-2012 CIR (Committee of Interns and Resident) a National Union, Elected representative
2012-2015 Quality Assurance Committee, Division of Critical Care,
Children's Hospital of Michigan
2015-present Broncho-Pulmonary Dysplasia Interdisciplinary Team: Severe. Team member (Hasbro/Women and Infants)
2015-2022 Co-Chair (Hasbro) Peripheral IV Infiltrates and Extravasation Quality and Safety.
2022-2025 Member (Hasbro) Peripheral IV Infiltrates and Extravasation Quality and Safety.
2019-2022 Member (Hasbro) Central Line Associated Blood Stream Infections Quality and Safety Committee.
2022-present Medical Director of the Ventilator Integration Program (VIP Clinic).

UNIVERSITY COMMITTEES

2015-present Scholarship Oversight Committee, Women and Infant's Neonatal Fellowship program for:
Justin Goldstein, Ashish Gupta, Danielle Kolitz, Lisa Grady, Dolapo Avungbeto, Stephanie Brule

MEMBERSHIP IN SOCIETIES and PROFESSIONAL ORGANIZATIONS

2006	Iota Epsilon Alpha, St. George's Honor society
2013-present	Society of Critical Care Medicine
2014-2024	American Academy of Pediatrics, Member of the Section on Critical Care
2016-2018	Society for Pediatric Research (SPR): Junior Section member
2015-present	Broncho-Pulmonary Dysplasia Collaborative. National Collaborative of hospitals dedicated to studying severe BPD. Team member
2023-present	Society for Pediatric Research (SPR). Elected member.

PUBLICATIONS LIST

PEER REVIWED PUBLICATIONS

1. Ben-Gary, H., **McKinney, R. L**., Rosengart, T., Lesser, M. L., & Crystal, R. G. (2002). Systemic interleukin-6 responses following administration of adenovirus gene transfer vectors to humans by different routes. *Mol Ther*, *6*(2), 287-297. https://doi.org/10.1006/mthe.2002.0658
2. Abman, S. H., Collaco, J. M., Shepherd, E. G., Keszler, M., Cuevas-Guaman, M., Welty, S. E., Truog, W. E., McGrath-Morrow, S. A., Moore, P. E., Rhein, L. M., Kirpalani, H., Zhang, H., Gratny, L. L., Lynch, S. K., Curtiss, J., Stonestreet, B. S**., McKinney, R. L**., Dysart, K. C., Gien, J., Baker, C. D., Donohue, P. K., Austin, E., Fike, C., Nelin, L. D., & Bronchopulmonary Dysplasia, C. (2017). Interdisciplinary Care of Children with Severe Bronchopulmonary Dysplasia. *J Pediatr*, *181*, 12-28 e11. https://doi.org/10.1016/j.jpeds.2016.10.082
3. **McKinney, R. L**., Shukla, K., Daigle, K., Zeigler, J., Muller, M., & Keszler, M. (2019). The BIT:S (Bronchopulmonary Dysplasia Interdisciplinary Team: Severe) Initiative at Women and Infants Hospital of Rhode Island. *R I Med J (2013)*, *102*(3), 22-25.
4. **McKinney, R. L**., Keszler, M., Truog, W. E., Norberg, M., Sindelar, R., Wallström, L., Schulman, B., Gien, J., & Abman, S. H. (2021). Multicenter Experience with Neurally Adjusted Ventilatory Assist in Infants with Severe Bronchopulmonary Dysplasia. *Am J Perinatol*, *38*(S 01), e162-e166. https://doi.org/10.1055/s-0040-1708559
5. Raimondo, E., **McKinney, R**., Mason, K., & Bartolini, L. (2021). Teaching Video Neuroimages: Ictal Unilateral Eye Blinking in Temporal Lobe Seizures: An Illustrative Video Case. *Neurology*, *96*(7), e1094-e1095. https://doi.org/10.1212/wnl.0000000000010844
6. **McKinney, R. L**., Schmidhoefer, J. J., Balasco, A. L., Machan, J. T., Hirway, P., & Keszler, M. (2021). Severe bronchopulmonary dysplasia: outcomes before and after the implementation of an inpatient multidisciplinary team. *J Perinatol*, *41*(3), 544-550. https://doi.org/10.1038/s41372-020-00863-0
7. Sindelar, R., **McKinney, R. L**., Wallström, L., & Keszler, M. (2021). Proportional assist and neurally adjusted ventilation: Clinical knowledge and future trials in newborn infants. *Pediatr Pulmonol*, *56*(7), 1841-1849. https://doi.org/10.1002/ppul.25354
8. Lewis, T., Truog, W., Nelin, L., Napolitano, N., & **McKinney, R. L**. (2021). Pharmacoepidemiology of Drug Exposure in Intubated and Non-Intubated Preterm Infants With Severe Bronchopulmonary Dysplasia. *Front Pharmacol*, *12*, 695270. https://doi.org/10.3389/fphar.2021.695270
9. **McKinney RL**, Napolitano N, Levin J, Kielt M, Abman S, Cuevas M, Rose RS, Courtney S, Matlock D, Agarwal A, Leeman KT, Sanlorenzo L, Sindelar R, Collaco JM, Baker CD, Hannan K, Douglass M, Eldredge LC, Lai K, McGrath Morrow S, Murillo A, Keszler M on behalf of the BPD Collaborative. Ventilatory strategies in infants with established severe BPD: A multicenter point prevalence study. *JPeds*. 2022. DOI: 10.1016/j.jpeds.2021.10.036
10. **McKinney RL**, Agarwal A. Transition from intensive care unit to a portable ventilator in children with severe bronchopulmonary dysplasia. Pediatr Pulmonol. 2022 Dec 12. doi: 10.1002/ppul.26274.
11. Kielt MJ, Hatch LD, Levin JC, Napolitano N, Abman SH, Baker CD, Eldredge LC, JM Collaco, McGrath-Morrow S, Rose R, Lai K, Keszler M, Sindelar R, Nelin L, **McKinney RL**, on behalf of the BPD Collaborative. Classifying Multi-Center Ventilation Strategies for Children with Bronchopulmonary Dysplasia using Hierarchical Clustering Analysis. *Pediatr Pulmonol*. 2023 Jun 2. doi: 10.1002/ppul.26488. Epub ahead of print. PMID: 37265416.

12. **McKinney RM**, L. Wallström, S.E. Courtney, R. Sindelar. Novel forms of ventilation in neonates: Neurally adjusted ventilatory assist and proportional assist ventilation. Seminars in Perinatology. Volume 48, Issue 2, 2024. https://doi.org/10.1016/j.semperi.2024.151889.
13. Agarwal A, Manimtim WM, Alexiou S, Abman SH, Akangire G, Aoyama BC, Austin ED, Baker CD, Bansal M, Bauer SE, Cristea AI, Dawson SK, Fierro JL, Hayden LP, Henningfeld JK, Kaslow JA, Lai KV, Levin JL, **McKinney RL**, Miller AN, Nelin LD, Popova AP, Siddaiah R, Tracy MC, Villafranco NM, McGrath-Morrow SA, Collaco JM. Factors Associated with Liberation from Home Ventilator and Tracheostomy Decannulation in Infants and Children with Severe Bronchopulmonary Dysplasia. J. Perinatology, 2024.
14. Akangire GG, Manimtim W, Agarwal A, Alexiou S, Aoyama BC, Austin ED, Bansal M, Fierro JL, Hayden LP, Kaslow JA, Lai KV, Levin JC, Miller AN, Rice JL, Tracy MC, Baker CD, Bauer SE, Cristea IA, Dawson SK, Eldredge L, Henningfeld JK, **McKinney RL**, Siddaiah R, Villafranco NM, Abman SH, McGrath-Morrow SA, Collaco JM. Outcomes of Infants and Children with Bronchopulmonary Dysplasia-associated Pulmonary Hypertension who required Chronic Home Ventilation. Pediatric Research. 2024.
15. Moore PE, Hayden LP, Villafranco NM, Toprak D, Rice JL, Rhein LM, Popova AP, **McKinney RL**, Manimtim WM, Levin JC, Lai KV, Gage SG, Bansal M, Baker CD, Austin ED, Agarwal A, McGrath-Morrow SA, Collaco JM. Outpatient Clinical Care for Bronchopulmonary Dysplasia: A Survey of the BPD Collaborative. Pediatric Pulmonology. 2024. DOI: 10.1002/ppul.27296
16. Bansal M, Manimtim WM, Agarwal A, Alexiou S, Rice JL, Nelin L, Miller AN, Levin JC, Lai K, Kaslow JA, Hayden LP, Fierro JL, Bhandari A, Austin ED, Aoyama B, Akangire G, Villafranco N, Stephenson N, Siddaiah R, **McKinney RL**, House MA, Baker CD, Abman SH, McGrath-Morrow SA, Collaco JM. Outcomes of Ventilator-Dependent Children with Severe Bronchopulmonary Dysplasia and Tracheobronchomalacia. Pediatr Pulmonol. 2025 Apr;60(4):e71100.
17. Crane MJ, **McKinney RL**, Jordon ARD, Eberson CP, Jamieson AM. Comparative Analysis of Inflammatory Response in Surgical Wound Drainage Fluid in Scoliosis Surgery: A Study of Neuromuscular vs. Idiopathic Patients. Wound Repair Regen. 2025 Jul-Aug;33(4):e70076. doi: 10.1111/wrr.70076. PMID: 40734522.
18. Barbosa da Silva E, Crane MJ, Liu L, Gelsinger DJ, Jordon ARD, Le P, Haggett JG, Myers SA, **McKinney RL**, Eberson CP, Jamieson AM, O'Donoghue AJ. The Impact of pH on Proteolytic Activity in Wound Fluid: Implications for Acid Therapy. Journal of Biological Chemistry. 2025.
19. Munoz-Blanco S, Makker K**, McKinney RL**, Bamat N, Cuevas-Guaman M, Traube C. Clinician knowledge, attitudes, and perceptions of delirium in patients with grade 3 bronchopulmonary dysplasia: a national survey. Journal of Perinatology. November 2025
20. **McKinney RL**, Popova AP, Guaman MC, Kielt MJ, Moore PE, McGrath-Morrow SA, Collaco JM; Bronchopulmonary Dysplasia Collaborative. Common Severity-Based Definitions of Bronchopulmonary Dysplasia Are not Associated With Outpatient Morbidities. Pediatr Pulmonol. 2025 Dec;60(12):e71415. doi: 10.1002/ppul.71415. PMID: 41328719.
21. **McKinney RL**, Collaco JM, Agarwal A, Baker CD, Bansa M, Douglass M, Griffiths PS, Hannan KE, Keszler M, Kielt MJ, Manimtim W, Mcgrath-Morrow S, Miller A, Ransom MA, Siddaiah R, Sharma AM, Tanzer J, Eldredge LC. Increased mean airway pressure is associated with successful transition to a portable home ventilator in patients with grade 3 bronchopulmonary dysplasia. J Pedi Pulm. December 2025.
22. Agarwal A, Manimtim WM, Alexiou S, Abman SH, Akangire G, Aoyama BC, Austin ED, Baker CD, Bansal M, Bauer SE, Cristea AI, Dawson SK, Fierro JL, Hayden LP, Henningfeld JK, Kaslow JA, Lai KV, Levin JC, **McKinney RL**, Miller AN, Nelin LD, Popova AP, Siddaiah R, Tracy MC, Villafranco NM, McGrath-Morrow SA, Collaco JM. "Factors associated with liberation from home mechanical ventilation and tracheostomy decannulation in infants and children with severe bronchopulmonary dysplasia." *Journal of perinatology : official journal of the California Perinatal Association*, vol. 46, no. 2, 2026, pp. 175-181.
23. Cohen PD, Boss R, **McKinney RL**, Kudchadkar SR. Characterizing non-emergent NICU-to-PICU transfers in the United States: a survey of neonatologists. Peds SCCM. 10.1097. February 2026. DOI: 10.1097/PCC.0000000000003920
24. Vyas-Read S, Bhombal S, Siddaiah R, Cua CL, Buddhavarapu A, **McKinney RL**, Levy PT, Hauck AL, Porta NF, Gibbs KA, Lingappan K, Douglass MS, Austin ED, Abman SH, Day RW. Echocardiographic Detection of Pulmonary Hypertension and Right Ventricular Failure in Infants with Bronchopulmonary Dysplasia: A Survey of the BPD Collaborative. Children. 2026.

25. Hayden LP, Agarwal A, Austin ED, **McKinney RL**, Akangire G, Aoyama BC, Bhandari A, Manimtim WM, McGrath-Morrow SA, Collaco JM. Racial and Ethnic Variation in Outpatient Respiratory Outcomes in Bronchopulmonary Dysplasia, The Journal of Pediatrics, 2026, 115237, ISSN 0022-3476, https://doi.org/10.1016/j.jpeds.2026.115237.
26. Go M, Lewis T, Kielt M, Conroy S, **McKinney RL.** Pharmacoequity and Health Outcomes Among Infants with Bronchopulmonary Dysplasia: An Analysis of Outpatient Pharmacotherapeutic Exposures. BMC Pediatrics. July 2026.
27. Levin JC, Tanzer JR, Schmid CH, **McKinney RL.** Predicting tracheostomy using ventilator support at 36 and 44 weeks in infants with grade 2 or 3 bronchopulmonary dysplasia. Journal of Perinatology, 2026, Oct 19. doi: 10.1038/s41372-026-02926-0. Epub ahead of print. PMID: 42897227.
28. Go MHM, Aoyama BC, **McKinney RL**, McGrath-Morrow SA, Collaco JM. Racial and Ethnic Disparities in Immunization Rates Among Infants with Bronchopulmonary Dysplasia: A Retrospective Cohort Study. BMC Pediatrics, October 2026.

PUBLICATIONS OTHER THAN PEER REVIEWED

1. **McKinney, R. L**., & Keszler, M. Letter to the editor: The tidal volume reported is not necessarily what it appears to be. *Early Human Development*, Vol. 163, 2021. https://doi.org/10.1016/j.earlhumdev.2021.105463
2. Sindelar, R., **McKinney, R. L**., Wallström, L., & Keszler, M. Diaphragm electrical activity target during NAVA: one size may not fit all. *Pediatr Pulmonol.*Vol 57:5 pg 1361-1362 2022.
3. Zhang H, **McKinney RL**. Editorial: Respiratory support strategies in the prevention and treatment of BPD: many questions, few answers. Front Pediatr. 2023 Jul 12;11:1233810. doi: 10.3389/fped.2023.1233810. PMID: 37502191; PMCID: PMC10369782.
4. Agarwal A, **McKinney RL**, Baker CD, Nelin LD, Abman SH; BPD Collaborative. Adapting to changing ventilator access: Impact on management of severe bronchopulmonary dysplasia in children. Pediatr Pulmonol. 2024 Jun;59(6):1803-1806. doi: 10.1002/ppul.26945.
5. Barbosa da Silva E, Crane MJ, Liu L, Gelsinger DJ, Jordon ARD, **McKinney RL**, Eberson CP, Jamieson AM, O'Donoghue AJ. Aspartic proteases are abundant and active in acidified wound fluid. bioRxiv 2024.06.30.601389. Preprint.

CORPORATE AUTHORSHIP OR MULTICENTER TRIALS

1. Kudchadkar SR, Nelliot A, Awojoodu R, et al. Physical Rehabilitation in Critically Ill Children: A Multicenter Point Prevalence Study in the United States. *Crit Care Med*. 2020;48(5):634-644.

BOOKS AND BOOK CHAPTERS

1. **McKinney, RL**. Book Chapter: Congestive Heart Failure. Pediatric Acute Care Provider: Case Studies and Certification Review. Burlington, MA: Jones & Bartlett Learning. 2015.
2. Keszler M and **McKinney RL**. Book Chapter Ventilation Strategies in Bronchopulmonary Dysplasia: Where we are and where we should be going? Updates on Neonatal Chronic Lung Disease. Pg. 257-267. Elsevier 2020.
3. Powers K, Banerjee D, **McKinney, RL.** Book Chapter: Transitions in Care from Pediatric to Adult Providers for individuals with Pulmonary Disease. Cecil Essentials of Medicine, 10th Edition. Elsevier. May 2021.
4. Powers K, Banerjee D, **McKinney, RL.** Book Chapter: Transitions in Care from Pediatric to Adult Providers for individuals with Pulmonary Disease. Chapter 21. Cecil Essentials of Medicine, 11th Edition. Elsevier. May 2026.

PUBLICATIONS SUBMITTED OR IN PREPARATION

ABSTRACTS

1. Polikoff L, Snelling LK, Sediva I, Scheffler M, **Mckinney RL**, Anderson A, Phornphutkul C, Day S. Focused genetic testing for rare genetic diseases causing pediatric status epilepticus. Research Snapchat (oral presentation) #1811. 2017 Society of Critical care Medicine 46th Critical Care Congress Honolulu, Hawaii.

2. **McKinney RL**, Keszler M, Truog W, Norberg M, Sindelar R, Wallström L, Schulman B, Gien J, Abman SH on behalf of the Bronchopulmonary Dysplasia Collaborative. Multicenter experience with neurally adjusted ventilatory assist (NAVA) in infants with evolving or established bronchopulmonary dysplasia. Research Snapchat (oral presentation session 1413 Board 119). 2018 Pediatric Academic Society, Toronto, Ontario.
3. **McKinney RL,** Schmidhofer JJ, Balasco AL, Keszler M. Severe Bronchopulmonary Dysplasia Outcomes After the Creation of an Inpatient Multidisciplinary Team. Research Snapchat (oral presentation) # **1159**. 2018 Society of Critical care Medicine 47th Critical Care Congress San Antonio, Texas.
4. **McKinney RL**, Napolitano N, D Matlock, K Lai, J Levin, K Leeman, C D Baker, KE Hannan, S Courtney, A Agarwal, M Kielt, E Shepherd, M Cuevas Guaman, W Truog, S McGrath-Morrow, JM Collaco, L Sanlorenzo, R Sindelar, I Cristea, R Rose, LC Eldredge, L Nelin, M Keszler, BPD Collaborative. Point Prevalence of Ventilatory Support in Children with Severe Bronchopulmonary Dysplasia. Poster presentation Board 513) 2020 Pediatric Academic Society, Philadelphia, PA..
5. Lewis T, Truog W, NapolitanoN, Nelin L, **McKinney RL**, BPD Collaborative. Pharmacoepidemiology of Drug Exposure in Intubated and Non-Intubated Preterm Infants with Severe Bronchopulmonary Dysplasia. 2020. Pediatric Academic Society, Philadelphia, PA
6. Cathcart A, Harney S, **McKinney RL.** Hiding Behind a Cough: Guillain-Barré Syndrome Masquerading as Community-Acquired Pneumonia. October 2020. AAP National Conference- Virtual.
7. Levin JC, Leeman KT, Kielt MJ, Grady L, Jensen EA, Cuevas-Guaman M, Nelin LD, Keszler M, **McKinney RL**. Prediction of tracheostomy using ventilatory parameters at 36 and 44 weeks in infants with severe bronchopulmonary dysplasia. Pediatric Academic Society. EPoster 201-1782. May 2021.
8. Jonathan C. Levin, Xuenan Wang, Kristen T. Leeman, Matthew Kielt, Lisa Grady, Leif D. Nelin,Christopher H. Schmid, **Robin L. McKinney**. Predicting tracheostomy using ventilator support at 36 and 44 weeks in infants with severe bronchopulmonary dysplasia. Pediatric Academic Society. Denver, Colorado. Poster 453. April 2022.
9. Matthew Kielt, Leon D. Hatch, Jonathan C. Levin, Natalie Napolitano, Christopher D. Baker, Laurie C. Eldredge, Sharon McGrath-Morrow, Joseph M. Collaco, Steven Abman, Khanh Lai, Rebecca S. Rose, Martin Keszler, Richard Sindelar, Leif D. **Robin L. McKinney**. Classifying Multi-center Ventilation Strategies for Severe Bronchopulmonary Dysplasia by Hierarchical Clustering Analysis. Pediatric Academic Society. Denver, Colorado. Poster 444. April 2022.
10. Nienaber T, Matlock D, Napolitano N, **McKinney RL.** Site variation in respiratory devices used for patients with bronchopulmonary dysplasia. Children's Hospitals Neonatal Consortium Annual Symposium. Denver, Colorado. October 2023.
11. **McKinney RL**, Schulman B, Manimtim W, Ransom M, Collaco JM, Siddaiah R, Kingston RL, Bansal M, Hannan K, Baker CD, Griffiths P, Kielt MJ, Miller A, Lai KV, Douglass M, Agarwal A, Sharma AM, McGrath-Morrow S, Tanzer JR, Keszler M, Eldredge LC. Home Ventilator Transition Optimization Pilot Study. Pediatric Academic Society. Toronto, Ontario. Poster 558.3317. May 2024.
12. Cohen PD, Boss R, Stockwell DC, Bernier M, Collaco JM, **McKinney RL**, Kudchadkar SR. Neonatologist Perspectives on non-emergent NICU to PICU transfers. Society for Critical Care Congress. Orlando, FL. February 2025.
13. Brule S, Keszler M, Conroy S, **McKinney RL.** Survey of Provider Opinions on Physiologic Stability in Patients with Grade 3 BPD. Eastern Society for Pediatric Research. Philadelphia, PA. March 2025.
14. Go M, Danilack-Fekete V, McBurney S, Conroy S, Collaco J, Sokol N, **McKinney RL.** Racial and Ethnic Disparities in Vaccination Rates Among Infants with BPD. Poster Department of Pediatrics Celebration of Scholarship. Warren Alpert Medical School of Brown University. Providence, RI. April 2025.
15. Brule S, Keszler M, Conroy S, **McKinney RL.** Criteria for Physiologic Stability in patients with Grade III Bronchopulmonary Dysplasia: a survey of providers. Pediatric Academic Society. Honolulu, Hawaii. May 2025
16. Go M, Lewis T, Kielt M, Conroy S, **McKinney RL.** Pharmacoequity and Health Outcomes among Infants with BPD. Poster and Oral Presentation. American Thoracic Society. San Francisco, CA. May 2025.
17. Go M, Danilack-Fekete V, McBurney S, Conroy S, Collaco J, Sokol N, **McKinney RL.** Racial and Ethnic Disparities in Vaccination Rates Among Infants with BPD. Poster Pediatric Academic Society. Honolulu, Hawaii. May 2025.
18. Vyas-Read S, Siddaiah R, Cua CL, **McKinney RL**, Levy P, Austin E, Gibbs K, Lingappan K, Abman S, Day R, Bhombal S. Echocardiographic detection of pulmonary hypertension and right ventricular failure in infants with

bronchopulmonary dysplasia: an internation survey of the BPD Collaborative. Poster Pediatric Academic Society. Honolulu, Hawaii. May 2025.

19. Go M, Lewis T, Kielt M, Conroy S, **McKinney RL**. Pharmacoequity and Health Outcomes Among Infants With Bronchopulmonary Dysplasia. American Throacic Society International Conference. Poster. San Francisco, CA. May 2025
20. Napolitano N, **McKinney RL**, Nickel A, Potterton J, Samora R, Carr K, Leane S, Simmons F, Matthews K, O'Brien A, Yehya N, Panitch H, Jensen E. CMV vs NAVA Ventilation in Severe BPD: Pilot Crossover Feasibility Trial. AARC. Poster. Phoenix, AZ. December 2025.
21. Cifra T, **McKinney RL**, Pantekidis I, Amar-Dolan LG, Barry S, Corbett KL, Fortier LE, Hopkins AJ, McKiernan CA, Jarkezian R, Levitties NS, Tran L, Rettig J, Kleinman ME, Alexander PMA, Vitali SH, Agus MSD, Bateman ST, Polikoff LA. Outcomes of Children Urgently Transferred from Pediatric ICUs to a Regional Pediatricl ECMO Center (PEANUTS study). SCCM, Chicago IL March 2026
22. Bansal M, Lai K, Agarwal A, Levin J, Bhola M, Kaslow JA, Christian H, Curran D, Manimtim W, **McKinney RL**. Diagnosis and Management of Airway Malacia in Bronchopulmonary Dysplasia: Survey of Physician Perspective. Poster Presentation, American Thoracic Society. Orlando, Florida. May 2026.

INVITED PRESENTATIONS

INTERNATIONAL

1. **McKinney RL.** Ventilation Strategies in severe Bronchopulmonary Dysplasia: is Neurally Adjusted Ventilatory Assist (NAVA) the answer? Perinatal Research Meeting, King's College Hospital, London. October 13th, 2025.

NATIONAL

1. **McKinney, RL.** NAVA use in severe Broncho-Pulmonary Dysplasia: from clinical opinion to clinical trial. CHOP Chronic Lung Disease Conference. March 13, 2019. Philadelphia, PA.
2. **McKinney, RL.** Ventilator practices in severe Broncho-Pulmonary Dysplasia: year in review and proposals for future studies. BPD Collaborative annual meeting. March 14, 2019. Philadelphia, PA
3. **McKinney, RL**. NAVA use in severe bronchopulmonary dysplasia [podcast]. Pulmonology Consultant. April 10, 2019. https://www.consultant360.com/podcast/pulmonology/critical-care/robin-mckinney-md-nava-use-severe-bronchopulmonary-dysplasia.
4. **McKinney RL**, Napolitano N, D Matlock, K Lai, J Levin, K Leeman, C D Baker, KE Hannan, S Courtney, A Agarwal, M Kielt, E Shepherd, M Cuevas Guaman, W Truog, S McGrath-Morrow, JM Collaco, L Sanlorenzo, R Sindelar, I Cristea, R Rose, LC Eldredge, L Nelin, M Keszler, BPD Collaborative. Point Prevalence of Ventilatory Support in Children with Severe Bronchopulmonary Dysplasia. Platform Presentation. March 11, 2020. CHOP Chronic Lung Disease Conference, Philadelphia, PA
5. **McKinney, RL.** Emerging ventilation strategies for severe BPD: NAVA and beyond. BPD Collaborative Annual Meeting. March 12, 2020. Philadelphia, PA.
6. **McKinney, RL.** Ventilator Subgroup year in review presentation. BPD Collaborative annual meeting. March 13, 2020. Philadelphia, PA
7. Lewis T, Truog W, NapolitanoN, Nelin L, **McKinney RL**, BPD Collaborative. Pharmacoepidemiology of Drug Exposure in Intubated and Non-Intubated Preterm Infants with Severe Bronchopulmonary Dysplasia. Invited Platform Presentation. May 2020. Pediatric Academic Society, Philadelphia, PA
8. **McKinney RL.** Ventilatory strategies in infants with established severe BPD: a multicenter point prevalence study. 7th annual Children's Hospital of Philadelphia Chronic Lung Disease Conference: Virtual. March 10, 2021.
9. **McKinney, RL.** Ventilator Subgroup year in review presentation. BPD Collaborative annual meeting. March 17, 2021. Virtual Conference.
10. **McKinney, RL.** Ventilation Strategies in Severe Bronchopulmonary Dysplasia. Grand Rounds, Nationwide Children's Hospital, Columbus Ohio. 11/17/21
11. **McKinney, RL.** Ventilation Strategies in Severe Bronchopulmonary Dysplasia. Neonatal Outcomes Research Alliance. Denver, CO. April 2022.

12. **McKinney, RL.** Ventilator Subgroup year in review presentation. BPD Collaborative annual meeting. March 8, 2023. Annual Conference, Philadelphia.
13. Brule S, **McKinney RL,** Levin J. A BPD Journey in three parts. BPD Collaborative Case Conference. July 7, 2023. Virtual Presentation.
14. **McKinney RL.** Unexpected Transitions: ICU Readmissions for Infants and Children with BPD. American Thoracic Society Post Graduate Course Navigating Longitudinal Care Transitions for Infants, Children and Adults with Bronchopulmonary Dysplasia. San Diego, CA. May 2024.
15. Go M, Lewis T, Kielt M, Conroy S, **McKinney RL**. Pharmacoequity and Health Outcomes Among Infants with Bronchopulmonary Dysplasia. American Throacic Society International Conference: Mini Symposium. San Francisco, CA. May 2025
16. Napolitano N, **McKinney RL**, Nickel A, Samora R, Carr K, Soorikian L, Simmons F, Matthews K, O'Brien A, Yehya N, Panitch H, Jensen E. CMV vs NAVA ventilation in Severe Bronchopulmonary Dysplasia: Pilot Crossover Feasibility Trial, Number: 4359795. AARC, December 2025. Phonix, AZ.

REGIONAL

1. **McKinney RL**, Bezih R, Ahmed T, Walters HL, Heidemann S. Bacteria Are Present in Respiratory Secretions Without Clinical Diagnosis Of Infection In Infants After Cardiopulmonary Bypass For Correction Of Congenital Heart Lesions. Poster presented at the Michigan State 13th Annual Pediatric Research Day, March 2014, East Lansing, MI.
2. **McKinney RL**, Sears K. Hasbro Children's Hospital: SPS PIVIE Pioneer Cohort. Solutions for Patient Safety PIVIE pioneer cohort conference call. Presentation to 60+ children's hospitals via a monthly conference call. 4/18/2018
3. **McKinney, RL** Therapeutic Hypothermia. Pediatric Critical Care and Emergency Medicine Joint Conference January 2017
4. **McKinney, RL,** Sears, K. Peripheral IV Infiltrates and Extravasations at Hasbro Children's Hospital. Solutions for Patient Safety Regional Conference. April 2017. Hanover, NH.
5. **McKinney, RL**. Severe BPD: Outcomes before and after the implementation of an inpatient multidisciplinary team. Pediatric Research Colloquium, Women and Infants Hospital October 2017. Providence, RI.
6. **McKinney, RL** Severe bronchopulmonary dysplasia outcomes before and after the implementation of a multidisciplinary care team. Perinatal Management Conference. Women and Infants Hospital, February 2017. Providence, RI.
7. **McKinney RL,** Keszler M, Daigle K. BITs and Pieces – The puzzle comes together: BPD Interdisciplinary Team Approach to Management of Infants with Severe Bronchopulmonary Dysplasia. Brown Pediatric Grand Rounds December 15, 2017. Providence, RI.
8. **McKinney, RL** NAVA use and severe Broncho-Pulmonary Dysplasia. Research Seminar; Brown Department of Pulmonary, Critical Care, & Sleep Medicine. March 18, 2019. Providence, RI.
9. **McKinney, RL**. NAVA use in severe Broncho-Pulmonary Dysplasia: from clinical opinion to clinical trial. Pediatric Research Day, Warren Alpert Medical School of Brown University. October 1, 2019
10. **McKinney, RL.** Neurally Adjusted Ventilatory Assist (NAVA): How it works and applications. Rhode Island Hospital, Respiratory Care Department. October 24th, 2019.
11. Barber-Doucet H, **McKinney RL**, Brucker W. Metabolic Emergencies. PEM-PICU joint Conference. 1/25/22.
12. **McKinney RL**, Ruest S, Jacobs E. PEM-PICU Transport conference, 2023.
13. **McKinney RL.** Introduction to the BIT:s Team. NICU Fellows conference. Women and Infants. 10/12/23.
14. **McKinney RL.** Introduction to the BIT:s Team. NICU Fellows conference. Women and Infants. 9/19/24
15. **McKinney RL**. The association of Racial disparities with outcomes in severe BPD. Division of Critical Care Medicine Presentation. 1/6/2025.
16. **McKinney RL.** PICU M&M conference. 6/12/2025
17. **McKinney RL.** Pilot Crossover Trial of Conventional Mechanical Ventilation versus Neurally Adjusted Ventilatory Assist (NAVA) in severe Bronchopulmonary Dysplasia. Pediatric Research Seminar, Department of Pediatrics Hasbro Children's Hospital. 4/10/2025
18. **McKinney RL**. Ventilation Strategies in severe Bronchopulmonary Dysplasia and transitioning to a portable home ventilator. Dr. Meyer Saklad Respiratory Care Symposium, Rhode Island Hospital. 6/4/2026.

TEACHING

1. **McKinney, RL** Pediatric Traumatic Brain Injury. Department of Pediatrics, Resident Conference August 2016
2. **McKinney, RL** Critical Care Emergencies. Department of Pediatrics, Resident Conference September 2018.
3. **McKinney, RL** Critical Care Emergencies. Department of Pediatrics, Resident Conference November 2019.
4. **McKinney, RL**, Plasski J. Care of the Child with Critical Respiratory Dysfunction. Pediatric ICU Nursing Orientation, Lifespan. October 3, 2019
5. **McKinney, RL.** Intro to Congenital Heart Disease 1. Pediatric ICU Nursing Orientation, Lifespan. October 3, 2019
6. **McKinney RL,** PICU core
7. **McKinney RL,** Schmid C. Guest lecturer. PHP 2550 Practical Data Analysis. Brown University School of Epidemiology. October 16, 2023
8. Ravelo A, Pels S, **McKinney RL.** Just DOAC: Anticoagulation in the PICU Setting. Combine PCCM and pediatric hematology/oncology conference. February 2026.

GRANTS

1. Summer Research Internship: Warren Alpert Medical School and Brown University Program in Liberal Medical Education (PLME)
   2026 Sumer Research Assistantships programs.
   Year: 2026
   Awardee: Michaela O'Donnell **Award Amount: $3750**
   Mentor: Robin McKinney

2. Vigneron Grant
   Ventilator Integration Program Patient supplies
   Year: 2025 **Award Amount: $6000**
   Awardee: VIP Program/Robin McKinney

Department of Pediatrics/Hassenfeld Institute Research Training Program in Child Health Disparities: Summer Scholars Program
Vaccination Rates and Adverse Outcomes in Infants with Bronchopulmonary Dysplasia
Year: 2024 **Stipend:** $4000
Awardee: Mallory Go **Mentor**: **Robin McKinney**

4. Nora Kahn Piore Award within the Brown University School of Public Health
   Vaccination Rates and Adverse Outcomes in Infants with Bronchopulmonary Dysplasia
   Year: 2024-2025 **Award Amount:** $2100
   Awardee: Mallory Go **Mentor: Robin McKinney**

5. Children's Miracle Network Scholars Award.
   NAVA use in children with established severe BPD: a pilot crossover trial
   Award Amount: $25,000
   Year: 2019-present
   Role: Principle Investigator **Mentor:** Martin Keszler

5. William and Mary Oh-William and Elsa Zopfi Professorship. In support of the project:
   BPD: Short and long term outcomes
   Funding: William and Mary Oh-William and Elsa Zopfi Professorship **Award Amount:** $14258
   Year: 2016-2017
   Role: Principal Investigator **Mentor:** Martin Keszler

6. The Ashok and Ingrid Sarnaik endowment for residents and fellows research at Children's Hospital of Michigan. In support of the project**:**
NT-Pro BNP as a predictive marker of the clinical course of RSV+ Bronchiolitis.
Funding: Ashok and Ingrid Sarnaik Endowment **Award Amount: $**2500
Year: 2014-2015
Role: Principal Investigator. **Mentor:** Patrick Hines

7. The Ashok and Ingrid Sarnaik Endowment for residents and fellows research at Children's Hospital of Michigan. In support of the project**:**
Biomarkers in exhaled breath condensate as predictors of ventilator acquired pneumonia.
Funding: Ashok and Ingrid Sarnaik Endowment **Award Amount:** $2500
Year: 2013-2015
Role: Principal Investigator. **Mentor:** Sabrina Heidemann

UNIVERSITY TEACHING, ADVISING and MENTORING ROLES

2016-2018	OSCE instructor at Brown Warren Alpert Medical School
2016	Biostatistics and epidemiologic small group preceptor at Brown Warren Alpert Medical School.
2016-2019	Resident Advisor: Jennifer Mann.
2016-2018	Resident Advisor: Joseph Schmidhofer
2020-2023	Mentor: Cristina Alcorta
2021-2022	Thesis Reader: Xuenan Jasmine Wang, ScM in Biostatistics in the Brown University School of Public Health
2022-2025	Mentor: Stephanie Brule, Neonatology Fellow
2022-present	Mentor: Mehtap Haktanir Abul, Assistant Professor of Pediatrics (Pulmonology)
2022-present	Mentor: Jonathan Nyce Assistant Professor of Pediatrics (Cardiology)
2022-2025	Mentor: Steven Maksymowych (resident)
2024-present	Thesis Advisor: Mallory Go. MPH Candidate Brown University.
2024-present	SOC Committee member and advisor to Pulmonology Fellow Ala' Fuad Mohammad Alza'atreh, Baylor College of Medicine, Pediatric Pulmonology Fellowship

HOSPITAL TEACHING ROLES

2013	Preceptor ICU procedures: Pediatric Advance Practice Nursing Students, Wayne State University School of Nursing/Children's Hospital of Michigan, Detroit, MI
2013	Mock code instructor: Pediatric Advance Practice Nursing Students, Wayne State University School of Nursing Simulation Lab.
2016	Advanced airway clinical instructor for Lifepact and transport personnel; RIH simulation center.

VOLUNTEER WORK

2015	Medical Mission to the Dominican Republic with Variety Children's Charity to provide post-operative care to children undergoing surgery for correction of congenital heart disease.