



Kevin Wu Kuo

Clinical Professor, Pediatrics - Critical Care

CLINICAL OFFICE (PRIMARY)

- **Division of Pediatric Critical Care**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Tiffany Romanowski - Fellowship Program Coordinator

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Bio

CLINICAL FOCUS

- Pediatric Critical Care Medicine

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Critical Care
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Program Director, Pediatric Critical Care Fellowship, (2019- present)
- Associate Program Director, Pediatric Residency Program, (2017- present)
- Associate Program Director, Pediatric Critical Care Fellowship Program, (2017-2019)
- Rotation Director, Pediatric Intensive Care Unit, (2017- present)

HONORS AND AWARDS

- Golden Apple Teaching Award-Selected by Pediatric Residents as Faculty Teacher of the Year, Department of Pediatrics, Stanford University (2018)
- Teacher of the Year, Pediatric Critical Care Medicine Fellowship Program, Stanford University (2018)
- Teaching Honor Roll-Pediatric Fellowships, Stanford Department of Pediatrics (2023-Present)
- Teaching Honor Roll-Pediatrics Residency, Stanford Department of Pediatrics (2022-Present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty, University of Michigan Masters of Health Professions Education Program (2018 - present)
- Distinguished Member, Stanford University Teaching and Mentoring Academy (2019 - present)
- Member, (EPIC) Educators in Pediatric Intensive Care (2017 - present)
- Member, Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) (2011 - present)
- Member, Society of Critical Care Medicine (2011 - present)

- Member, American Academy of Pediatrics (2008 - present)

PROFESSIONAL EDUCATION

- BA, University of California, Berkeley , Molecular and Cell Biology, summa cum laude (2004)
- Medical Education: Harvard Medical School (2008) MA
- Residency: Stanford Health Care at Lucile Packard Children's Hospital (2011) CA
- Fellowship: University of Michigan Health System (2014) MI
- MHPE, University of Michigan, Ann Arbor , Master's in Health Professions Education (2017)
- Board Certification: Pediatrics, American Board of Pediatrics (2011)
- Board Certification: Pediatric Critical Care Medicine, American Board of Pediatrics (2014)

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Pediatric Critical Care Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Reconsidering Pediatric Critical Care Sequencing: A Qualitative Exploration of Postgraduate Year 1 PICU Rotations Among Senior Pediatric Residents.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
Johnson, R. R., Flodman, K., Lichak, B., Benoit, L., Asnes, A., Osborn, R., Watson, C. M., Kuo, K., Murtha, T., Brigham, E., Jain, P. N., Carney, S., Gielissen, et al
2026
- **Spiritual Care in PICUs: A U.S. Survey of 245 Training Fellows 2020-2021.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
Stevens, P. E., Rassbach, C. E., Qin, F., Kuo, K. W.
2023
- **A point-of-care ultrasound education curriculum for pediatric critical care medicine.** *The ultrasound journal*
Bhargava, V., Haileselassie, B., Rosenblatt, S., Baker, M., Kuo, K., Su, E.
2022; 14 (1): 44
- **A Scoping Review and Appraisal of Extracorporeal Membrane Oxygenation Education Literature.** *ATS scholar*
Han, P. K., Purkey, N. J., Kuo, K. W., Ryan, K. R., Woodward, A. L., Jahadi, O., Prom, N. L., Halamek, L. P., Johnston, L. C.
2022; 3 (3): 468-484
- **Assessing changes in the quality of quantitative health education research: a perspective from communities of practice.** *BMC medical education*
Wright, K. M., Gruppen, L. D., Kuo, K. W., Muzyk, A., Nahmias, J., Reed, D. A., Sandhu, G., Shelgikar, A. V., Stojan, J. N., Uchida, T. L., Wallihan, R., Hurtubise, L.
2022; 22 (1): 227
- **Impact of a relationship-centered care communication curriculum on pediatric residents' practice, perspectives, and opportunities to develop expertise.** *Patient education and counseling*
Selling, S. K., Kirkey, D., Goyal, T., Singh, A., Gold, C. A., Hilgenberg, S. L., Weimer-Elder, B., Kuo, K. W., Rassbach, C. E.
2021
- **Impact of the COVID-19 Pandemic on the Clinical Learning Environment: Addressing Identified Gaps and Seizing Opportunities.** *Academic medicine : journal of the Association of American Medical Colleges*
Triemstra, J. D., Haas, M. R., Bhavsar-Burke, I., Gottlieb-Smith, R., Wolff, M., Shelgikar, A. V., Samala, R. V., Ruff, A. L., Kuo, K., Tam, M., Gupta, A., Stojan, J., Gruppen, et al
2021; 96 (9): 1276-1281

- **Using Self-Determination Theory to Drive an Evidence-Based Medicine Curriculum for Pediatric Residents: A Mixed Methods Study.** *Academic pediatrics*
Dasgupta, M. N., Kirkey, D. C., Weatherly, J. A., Kuo, K. W., Rassbach, C. E.
2021
- **Should Extracorporeal Membrane Oxygenation Be Offered? An International Survey** *JOURNAL OF PEDIATRICS*
Kuo, K. W., Barbaro, R. P., Gadepalli, S. K., Davis, M. M., Bartlett, R. H., Odetola, F. O.
2017; 182: 107-113
- **The use of extracorporeal membrane oxygenation in pediatric patients with sickle cell disease** *PERFUSION-UK*
Kuo, K. W., Cornell, T. T., Shanley, T. P., Odetola, F. O., Annich, G. M.
2013; 28 (5): 424-432
- **RESIDENT PERCEPTIONS OF PGY-1 PEDIATRIC CRITICAL CARE ROTATIONS**
Johnson, R., Flodman, K., Lichak, B., Benoit, L., Gielissen, K., Osborn, R., Watson, C., Murtha, T., Kuo, K., Brigham, E., Jain, P., Carney, S., Asnes, et al
LIPPINCOTT WILLIAMS & WILKINS.2025
- **Building an Anti-Racist Department through an Experiential Department-Wide Anti-Racism Curriculum.** *Academic pediatrics*
Guerin, A., Lee, J., Floyd, B., Yemane, L., Fassiotto, M., Griffith, E., Blankenburg, R., Hilgenberg, S. L., Dali, S., De Araujo, M., Jones, K., Kuo, K., Rassbach, et al
2023
- **ADDRESSING PATIENT AND FAMILY SPIRITUAL NEEDS: A NATIONAL NEEDS ASSESSMENT OF PEDIATRIC FELLOWS**
Stevens, P., Kuo, K., Rassbach, C.
LIPPINCOTT WILLIAMS & WILKINS.2023: 276
- **Gradient washout and secondary nephrogenic diabetes insipidus after brain injury in an infant: a case report.** *Journal of medical case reports*
Chang, N., Mariano, K., Ganesan, L., Cooper, H., Kuo, K.
2020; 14 (1): 183
- **Burnout in Pediatric Critical Care Medicine Fellows.** *Critical care medicine*
Suttle, M. L., Chase, M. A., Sasser, W. C., Moore-Clingenpeel, M., Maa, T., Werner, J. A., Bone, M. F., Boyer, D. L., Marcdante, K. J., Mason, K. E., McCabe, M. E., Mink, R. B., Su, et al
2020
- **Effect of Fresh vs Standard-issue Red Blood Cell Transfusions on Multiple Organ Dysfunction Syndrome in Critically Ill Pediatric Patients: A Randomized Clinical Trial.** *JAMA*
Spinella, P. C., Tucci, M., Fergusson, D. A., Lacroix, J., Hébert, P. C., Leteurtre, S., Schechtman, K. B., Doctor, A., Berg, R. A., Bockelmann, T., Caro, J. J., Chiusolo, F., Clayton, et al
2019; 322 (22): 2179-2190
- **Assessing Competence in Central Venous Catheter Placement by Pediatric Critical Care Fellows: A National Survey Study** *CRITICAL CARE MEDICINE*
Boyer, D. L., Zurca, A. D., Mason, K., Mink, R., Petrillo, T., Schuette, J., Tchamtchi, M., Winkler, M., Fleming, G. M., Turner, D. A., Armijo-Garcia, V., Arteaga, G., Bone, et al
2019; 47 (8): E654–E661
- **Effects of ABO Matching of Platelet Transfusions in Critically Ill Children.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
Nellis, M. E., Goel, R. n., Karam, O. n., Cushing, M. M., Davis, P. J., Steiner, M. E., Tucci, M. n., Stanworth, S. J., Spinella, P. C.
2019; 20 (2): e61–e69
- **Platelet Transfusion Practices in Critically Ill Children.** *Critical care medicine*
Nellis, M. E., Karam, O., Mauer, E., Cushing, M. M., Davis, P. J., Steiner, M. E., Tucci, M., Stanworth, S. J., Spinella, P. C.
2018; 46 (8): 1309-1317
- **Disseminated Intravascular Coagulation and Acute Liver Injury from Ethanol Embolization of an Arteriovenous Malformation.** *Journal of vascular and interventional radiology : JVIR*
Hage, A., Chick, J. F., Srinivasa, R. N., Kuo, K. W., Kohne, J. G., Campbell, A. D., Gemmete, J. J.

2018; 29 (3): 437-439

- **Evaluating Mortality Risk Adjustment Among Children Receiving Extracorporeal Support for Respiratory Failure.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
Barbaro, R. P., Boonstra, P. S., Kuo, K. W., Selewski, D. T., Bailly, D. K., Stone, C. L., Chow, C. Y., Annich, G. M., Moler, F. W., Paden, M. L.
2018
- **High-volume bilateral chylothorax presenting with hypoxemia and shock in a pediatric patient following tracheostomy revision: a case report.** *Journal of medical case reports*
Thatcher, A. L., Yu, J., Kuo, K. W.
2015; 9: 235-?
- **Refractory hypoxemia caused by hepatopulmonary syndrome: a case report.** *Journal of medical case reports*
Govindan, M. L., Kuo, K. W., Mahani, M. G., Shanley, T. P.
2014; 8: 418-?
- **Early Outcomes After Extracardiac Conduit Fontan Operation Without Cardiopulmonary Bypass** *PEDIATRIC CARDIOLOGY*
McCammond, A. N., Kuo, K., Parikh, V. N., Abdullah, K., Balise, R., Hanley, F. L., Roth, S. J.
2012; 33 (7): 1078-1085