



Christopher John Russell

Associate Professor of Pediatrics (Hospital Medicine)

CLINICAL OFFICE (PRIMARY)

- **LPCH Hospital Medicine**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Dr. Russell is an Associate Professor of Pediatrics in the Division of Pediatric Hospital Medicine and a board-certified academic pediatric hospitalist at Lucile Packard Children's Hospital. His clinical responsibilities include caring for children hospitalized for a variety of illnesses. His research focuses on developing evidence-based care for hospitalized children with medical complexity, including acute respiratory infections (such as pneumonia and bacterial tracheitis). His research efforts have been recognized through receipt of the University of Southern California's Clinical and Translational Science Institute's KL2 Mentored Research Career Development Award (2014-16), the Academic Pediatric Association's Young Investigator Award (2015-16), the NIH Loan Repayment Program (2017-2021) and a large grant from the Gerber Foundation (2020-2022). In August 2021, he received a five-year R01 award from the Agency for Healthcare Research and Quality to study bacterial respiratory infections in children with tracheostomy. Outside of his clinical and research responsibilities, Dr. Russell focuses on research mentorship of medical students, pediatric residents, and pediatric hospital medicine fellows as well as improving representation of underrepresented minorities in medicine throughout the continuum of physician training. Dr. Russell completed a term as the chair of the Academic Pediatric Association's Membership, Diversity, and Inclusion Committee (2022-2025) and is on the Executive Committee for the Pediatric Research in Inpatient Settings research network. Dr. Russell is active in the AAP and currently serves as an Associate Editor for the journal Hospital Pediatrics.

CLINICAL FOCUS

- Pediatrics
- Pediatric Hospital Medicine
- Children with Medical Complexity
- Pneumonia
- Tracheostomy
- Health Equity

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Pediatrics
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Director of Fellowship Scholarship, Stanford University Department of Pediatrics, (2025- present)
- Interim Faculty Director of Strategic Initiatives, Office of Engagement and Opportunity, Stanford University Department of Pediatrics, (2025- present)
- Co-leader, Clinical Research Scholarly Concentration, Stanford Pediatrics Residency Program, (2024- present)

HONORS AND AWARDS

- Laurie Kraus Lacob Faculty Scholar in Pediatric Translational Medicine, Stanford Maternal & Child Health Research Institute (2024-2029)
- WOW Award, Children's Hospital Los Angeles, Office of Graduate Medical Education (2020)
- Loan Repayment Program Award Recipient, NIH/NHLBI (2017-2021)
- Pediatric Hospital Medicine Fellowship Mentorship Award, Children's Hospital Los Angeles (2015, 2017, 2018, 2020)
- Young Investigator Award, Academic Pediatric Association (2015)
- KL2 Mentored Research Career Development Award, University of Southern California CTSI (2014-2016)
- Research Scholars Program, Academic Pediatric Association (2013-2016)
- Barbara M. Korsch Award for Research in Medical Education, Children's Hospital Los Angeles (2012)
- Presidential Scholars Public Service Initiative Award, Harvard Medical School (2007)
- Certificate of Distinction in Teaching, Harvard University (2006, 2007)
- Norfolk District Medical Society Education Fund Scholarship, Massachusetts Medical Society (2005)
- Virginia A. Linnane Scholarship, Harvard Medical School (2003-2006)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Chair, Membership, Diversity & Inclusion, Academic Pediatric Association (2022 - 2025)
- Associate Editor, Hospital Pediatrics (2023 - present)
- Assistant Editor, Hospital Pediatrics (2021 - 2023)
- Standing Member, Healthcare Safety and Quality Research Study Section, Agency for Healthcare Research and Quality (2023 - present)
- Executive Committee, Pediatric Research in Inpatient Settings (2021 - present)
- Elected Member, Society for Pediatric Research (2019 - present)
- Member, American Thoracic Society (2017 - present)
- Member, Academic Pediatric Association (2011 - present)
- Fellow, American Academy of Pediatrics (2010 - present)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Hospital Medicine, American Board of Pediatrics (2019)
- Board Certification: Pediatrics, American Board of Pediatrics (2010)
- Residency: UCSF Pediatric Residency (2010) CA
- Master of Science, University of Southern California , Clinical, Biomedical and Translational Investigations (2017)
- Medical Education: Harvard Medical School (2007) MA
- Bachelor of Arts, Harvard College , Cognitive Neuroscience (Psychology and Biology) (2000)

LINKS

- Stanford Department of Pediatrics Grand Rounds Presentation: Respiratory Infections in Children with Medical Complexity: <https://www.youtube.com/watch?v=qJCriOdyJpI>

Publications

PUBLICATIONS

- **Pediatric tracheostomy-associated respiratory infections: an evolving paradigm.** *Current opinion in pediatrics*
Morrison, J. M., Steuart, R., Russell, C. J.
2026
- **The Child Opportunity Index and Discharge Disposition among Children with New Tracheostomy and Long-Term Mechanical Ventilation.** *Annals of the American Thoracic Society*
Scheller, L. L., Alkon, A., Hoffmann, T. J., Staveski, S., Foster, C. C., Russell, C. J.
2026
- **Factors associated with tracheostomy-associated infection treatment: A multicenter observational study.** *Pediatric pulmonology*
Morrison, J. M., Kono, N., Rush, M., Hahn, A., Forster, C. S., Cogen, J. D., Thomson, J., DeYoung, S. H., Bashiri, S., Mack, W. J., Neely, M. N., Simon, T. D., Russell, et al
2024
- **Diagnosis, management, and outcomes of pediatric tracheostomy-associated infections: A scoping review** *PEDIATRIC PULMONOLOGY*
Morrison, J. M., Hassan, A., Kysh, L., Dudas, R. A., Russell, C. J.
2022; 57 (5): 1145-1156
- **Risk factors for hospitalizations due to bacterial respiratory tract infections after tracheotomy** *PEDIATRIC PULMONOLOGY*
Russell, C. J., Thurm, C., Hall, M., Simon, T. D., Neely, M. N., Berry, J. G.
2018; 53 (3): 349-357
- **Pseudomonas aeruginosa and post-tracheotomy bacterial respiratory tract infection readmissions** *PEDIATRIC PULMONOLOGY*
Russell, C. J., Simon, T. D., Mamey, M. R., Newth, C. J. L., Neely, M. N.
2017; 52 (9): 1212-1218
- **Care Variations and Outcomes for Children Hospitalized With Bacterial Tracheostomy-Associated Respiratory Infections.** *Hospital pediatrics*
Russell, C. J., Mack, W. J., Schragar, S. M., Wu, S.
2017; 7 (1): 16-23
- **Comparing COVID-19 Variants in Children Hospitalized for Concern of Tracheostomy-associated Infection: A Multicenter Prospective Cohort Study.** *The Pediatric infectious disease journal*
Moffet, I., Kono, N., Rush, M., Russell, C. J., Hahn, A.
2025
- **Conducting and Appraising Systematic and Scoping Reviews.** *Hospital pediatrics*
Kysh, L., Brennan, E. A., Russell, C. J.
2025
- **Readmission and mortality among children requiring long-term mechanical ventilation via tracheostomy: a systematic review.** *BMC pulmonary medicine*
Scheller, L., Mariano, K., Staveski, S., Weiss, S., Alkon, A., Russell, C. J., Casey, L., Fukuoka, Y.
2025; 25 (1): 385
- **Recommendations for Pneumonia in Hospitalized Children With Neurologic Impairment.** *Pediatrics*
Thomson, J. E., Musial, A., Steuart, R., Bencotter, D., Callahan, S., Haslam, D. B., Rafferty, M., White, C. M., Bosse, D., Timmons, K. M., Britto, M. T., Schondelmeyer, A. C., Shah, et al
2025
- **Diagnostic Stewardship of Endotracheal Aspirate Cultures in Hospitalized Children With Artificial Airways: Expert Consensus Statements From the Bright STAR (Testing Stewardship for Antibiotic Reduction) Respiratory Collaborative.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
Sick-Samuels, A. C., Kelly, D. P., Woods-Hill, C. Z., Arthur, A., Kumar, U., Koontz, D. W., Marsteller, J. A., Milstone, A. M., and the Bright STAR (Testing Stewardship for Antibiotic Reduction) Respiratory Consensus Authorship group, Aldewereld, Z., Auth, M. J., Banerjee, R., Blumenthal, J. A., et al
2025

- **The Association between Home Health Nursing and 30-Day Hospital Readmission after Tracheostomy in Children: A Single-Center Prospective Cohort Study.** *Home healthcare now*
Lodge, M., Bashiri, S., Durazo-Arvizu, R., Russell, C. J.
2024; 42 (6): 323-330
- **Clinical outcomes of children with COVID-19 and appendicitis: a propensity score matched analysis.** *Pediatric surgery international*
Odegard, M. N., Keane, O. A., Ourshalimian, S. A., Russell, C. J., Lee, W. G., O'Guinn, M. L., Houshmand, L. M., Kelley-Quon, L. I.
2024; 40 (1): 266
- **Disparities in Screening for Substance Use Among Injured Adolescents.** *JAMA network open*
Rook, J. M., Spurrier, R. G., Russell, C. J., Shin, C. E., Lee, S. L., Juillard, C. J., Kelley-Quon, L. I.
2024; 7 (10): e2436371
- **Prioritization of Randomized Clinical Trial Questions for Children Hospitalized With Common Conditions: A Consensus Statement.** *JAMA network open*
Coon, E. R., McDaniel, C. E., Paciorkowski, N., Grimshaw, M., Frakes, E., Ambroggio, L., Auger, K. A., Cohen, E., Garber, M., Gill, P. J., Jennings, R., Joshi, N. S., Leyenaar, et al
2024; 7 (5): e2411259
- **Children's Mental Health and Hospitalization, a Crisis of Our Generation.** *Hospital pediatrics*
Loyal, J., Brady, P. W., Russell, C.
2024
- **Advancing the Science of Mentorship: Future Directions for Sustainable Implementation and Evaluation of Mentorship Education for the Clinical and Translational Science Workforce** *JOURNAL OF CLINICAL AND TRANSLATIONAL SCIENCE*
Asquith, P., McDaniels, M., Baez, A., Corsino, L., Fillingim, R., Rubio, D., Russell, C., Sorkness, C., Thompson, W., Pfund, C.
2024; 8 (1): e54
- **The impact of COVID-19 on racial and ethnic disparities in presentation with perforated appendicitis in children: A retrospective cohort study.** *Surgery open science*
Odegard, M. N., Ourshalimian, S. A., Chen, S. Y., Russell, C. J., Obinelo, A. U., Kaplan, C. M., Kelley-Quon, L. I.
2024; 18: 53-60
- **Diversity, Equity, and Inclusion, Child Health, and the Pediatric Subspecialty Workforce.** *Pediatrics*
Orr, C. J., Leslie, L. K., Schaechter, J., Williams, X. J., Montez, K. G., Deen, J. F., Evans, Y. N., Russell, C. J., Webb, J., Gaona, A. R., Mendoza, F. S.
2024; 153 (Suppl 2)
- **Respiratory culture growth and 3-years lung health outcomes in children with bronchopulmonary dysplasia and tracheostomies** *PEDIATRIC PULMONOLOGY*
Steuart, R., Pan, A. Y., Woolums, A., Benscoter, D., Russell, C. J., Henningfeld, J., Thomson, J.
2023
- **Gabapentin is Associated With Decreased Postoperative Opioid Use and Length of Stay After Appendectomy in Children With Perforated Appendicitis: A Propensity Score-Matched Analysis.** *Journal of pediatric surgery*
Lascano, D., Zamora, A. K., Mahdi, E., Ourshalimian, S., Russell, C. J., Kim, E., Kelley-Quon, L. I.
2023
- **Respiratory culture organism isolation and test characteristics in children with tracheostomies with and without acute respiratory infection** *PEDIATRIC PULMONOLOGY*
Steuart, R., Ale, G. B., Woolums, A., Xia, N., Benscoter, D., Russell, C. J., Shah, S. S., Thomson, J.
2023; 58 (5): 1481-1491
- **Variation in Inhaled Medication Use for Infants With Congenital Heart Disease and Bronchiolitis.** *Hospital pediatrics*
Ahuja, N., Richardson, T., Brady, P., Foster, B. A., Godown, J., Lu, E., Madsen, N., Shah, S. S., Wagner, T., Wu, S., Russell, C., Pediatric Research in Inpatient Settings (PRIS) Network
2023; 13 (8): 710-717
- **Tramadol Use in Pediatric Surgery: Trends After the Food and Drug Administration Black-Box Warning** *JOURNAL OF SURGICAL RESEARCH*
Chen, S. Y., Ourshalimian, S., Kim, E., Russell, C. J., Kelley-Quon, L. I.
2022; 280: 10-18

- **Ketorolac use and risk of bleeding after appendectomy in children with perforated appendicitis** *JOURNAL OF PEDIATRIC SURGERY*
Kingston, P., Lascano, D., Ourshalimian, S., Russell, C. J., Kim, E., Kelley-Quon, L.
2022; 57 (8): 1487-1493
- **Enoxaparin Thromboprophylaxis in Children Hospitalized for COVID-19: A Phase 2 Trial** *PEDIATRICS*
Sochet, A. A., Morrison, J. M., Jaffray, J., Godiwala, N., Wilson, H. P., Thornburg, C. D., Bhat, R., Zia, A., Lawrence, C., Kudchadkar, S. R., Hamblin, F., Russell, C. J., Streiff, et al
2022; 150 (1)
- **Changing Who Has a Seat and Voice at the Table: How the Academic Pediatric Association is Responding to Systemic Racism** *ACADEMIC PEDIATRICS*
Cohen, A., Montez, K., Orr, C., Konrath, J., Oddiri, U., Russell, C. J., Gambill, L., Nesiana, J., Chung, P. J., McNeal-Trice, K.
2022; 22 (3): 352-355
- **Impact of racial microaggressions in the clinical learning environment and review of best practices to support learners** *CURRENT PROBLEMS IN PEDIATRIC AND ADOLESCENT HEALTH CARE*
Gilliam, C., Russell, C. J.
2021; 51 (10): 101090
- **Identifying Practices to Promote Inpatient Adolescent and Influenza Vaccine Delivery.** *Hospital pediatrics*
Mihalek, A. J., Hall, M., Russell, C. J., Wu, S.
2021
- **Evaluation of an Educational Outreach and Audit and Feedback Program to Reduce Continuous Pulse Oximetry Use in Hospitalized Infants With Stable Bronchiolitis A Nonrandomized Clinical Trial** *JAMA NETWORK OPEN*
Schondelmeyer, A. C., Bettencourt, A. P., Xiao, R., Beidas, R. S., Wolk, C., Landrigan, C. P., Brady, P. W., Brent, C. R., Parthasarathy, P., Kern-Goldberger, A. S., Sergay, N., Lee, V., Russell, et al
2021; 4 (9): e2122826
- **The impact of intravenous acetaminophen pricing on opioid utilization and outcomes for children with appendicitis**
Mahdi, E. M., Ourshalimian, S., Darcy, D., Russell, C. J., Kelley-Quon, L.
MOSBY-ELSEVIER.2021: 932-938
- **Trends in Race/Ethnicity of Pediatric Residents and Fellows: 2007-2019.** *Pediatrics*
Montez, K., Omoruyi, E. A., McNeal-Trice, K., Mack, W. J., Yemane, L., Darden, A. R., Russell, C. J.
2021
- **Acute respiratory infections in hospitalised infants with congenital heart disease** *CARDIOLOGY IN THE YOUNG*
Ahuja, N., Mack, W. J., Wu, S., Wood, J. C., Russell, C. J.
2021; 31 (4): 547-555
- **National Inpatient Immunization Patterns: Variation in Practice and Policy Between Vaccine Types.** *Hospital pediatrics*
Mihalek, A. J., Russell, C. J., Hassan, A., Yeh, M. Y., Wu, S., Pediatric Research in Inpatient Settings (PRIS) Network
2021; 11 (5): 462-471
- **Fewer postoperative opioids are associated with decreased duration of stay for children with perforated appendicitis**
Mahdi, E. M., Ourshalimian, S., Russell, C. J., Zamora, A. K., Kelley-Quon, L.
MOSBY-ELSEVIER.2020: 942-947
- **Top Articles in Pediatric Hospital Medicine: July 2019 to June 2020.** *Hospital pediatrics*
McDaniel, C. E., Russell, C. J.
2020; 10 (10): 906-912
- **Variations in Care for Breastfed Infants Admitted to US Children's Hospitals: A Multicenter Survey of Inpatient Providers.** *Hospital pediatrics*
Bochner, R. E., Kuroki, R., Lui, K., Russell, C. J., Rackovsky, E., Piper, L., Ban, K., Yang, K., Mandal, P., Mackintosh, L., Mirzaian, C. B., Gross, E.
2020; 10 (1): 70-75
- **Technology-Dependent Pediatric Inpatients at Children's Versus Nonchildren's Hospitals.** *Hospital pediatrics*
Ahuja, N., Mack, W. J., Russell, C. J.
2020; 10 (6): 481-488

- **Aspiring to Treat Wisely: Challenges in Diagnosing and Optimizing Antibiotic Therapy for Aspiration Pneumonia.** *Journal of hospital medicine*
Russell, C. J., White, A. A.
2020; 15 (7): 445-446
- **Development of Chronic Pseudomonas aeruginosa-Positive Respiratory Cultures in Children with Tracheostomy** *LUNG*
Russell, C. J., Simon, T. D., Neely, M. N.
2019; 197 (6): 811-817
- **Early Use of Anti-influenza Medications in Hospitalized Children With Tracheostomy** *PEDIATRICS*
Miyakawa, R., Barreto, N. B., Kato, R. M., Neely, M. N., Russell, C. J.
2019; 143 (3)
- **Complication Versus Consequence: Defining Device-Related Outcomes in Children With Medical Complexity.** *Hospital pediatrics*
Russell, C. J.
2019; 9 (1): 70-71
- **Factors Associated With Length of Stay and 30-Day Revisits in Pediatric Acute Pancreatitis** *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*
Gay, A. C., Barreto, N. B., Schragger, S. M., Russell, C. J.
2018; 67 (2): E30-E35
- **Length of Stay and Hospital Revisit After Bacterial Tracheostomy-Associated Respiratory Tract Infection Hospitalizations.** *Hospital pediatrics*
Russell, C. J., Mamey, M. R., Koh, J. Y., Schragger, S. M., Neely, M. N., Wu, S.
2018
- **Factors associated with 30-day all-cause hospital readmission after tracheotomy in pediatric patients** *INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY*
Yu, H., Mamey, M., Russell, C. J.
2017; 103: 137-141
- **Risk factors for overnight respiratory events following sedation for magnetic resonance imaging in children with sleep apnea** *SLEEP AND BREATHING*
Trost, M. J., Cowell, M., Cannon, J., Mitchell, K., Waloff, K., Avila, H., Chand, S., Russell, C. J.
2017; 21 (1): 137-141
- **Hot topics, urgent priorities, and ensuring success for racial/ethnic minority young investigators in academic pediatrics** *INTERNATIONAL JOURNAL FOR EQUITY IN HEALTH*
Flores, G., Mendoza, F. S., Fuentes-Afflick, E., Mendoza, J. A., Pachter, L., Espinoza, J., Fernandez, C. R., Arnold, D. D., Brown, N. M., Gonzalez, K. M., Lopez, C., Owen, M. C., Parks, et al
2016; 15
- **The use of inhaled antibiotic therapy in the treatment of ventilator-associated pneumonia and tracheobronchitis: a systematic review** *BMC PULMONARY MEDICINE*
Russell, C. J., Shiroishi, M. S., Siantz, E., Wu, B. W., Patino, C. M.
2016; 16: 40
- **Factors Associated With the Prophylactic Prescription of a Bowel Regimen to Prevent Opioid-Induced Constipation.** *Hospital pediatrics*
Chen, N. Y., Nguyen, E., Schragger, S. M., Russell, C. J.
2016; 6 (11): 677-683
- **Urine-based asymptomatic urethral gonorrhea and chlamydia screening and sexual risk-taking behavior in men who have sex with men in greater Boston** *AIDS PATIENT CARE AND STDS*
Russell, C. J., Golub, S. A., Cohen, D. E., Mayer, K. H.
2007; 21 (3): 205-211
- **Giant villous adenoma and the McKittrick-Wheelock syndrome**
Wang, V. S., Russell, C. J., Saltzman, J. R.
LIPPINCOTT WILLIAMS & WILKINS.2006: S266-S267

- **Differences in the expressed HLA class I alleles effect the differential clustering of HIV type 1-specific T cell responses in infected Chinese and Caucasians** *AIDS RESEARCH AND HUMAN RETROVIRUSES*

Yu, X. G., Addo, M. M., Perkins, B. A., Wej, F. L., Rathod, A., Geer, S. C., Parta, M., Cohen, D., Stone, D. R., Russell, C. J., Tanzi, G., Mei, S., Wurcel, et al

2004; 20 (5): 557-564

- **Homosexuality as a specific risk factor for eating disorders in men** *INTERNATIONAL JOURNAL OF EATING DISORDERS*

Russell, C. J., Keel, P. K.

2002; 31 (3): 300-306