Stanford



Jeffrey Gould

Robert L. Hess Endowed Professor of Pediatrics, Emeritus

Pediatrics - Neonatology

Bio

ACADEMIC APPOINTMENTS

- Professor Emeritus-Hourly, Pediatrics - Neonatology
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- MD, U.Rochester School of Medicine , Medicine (1965)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Gould is director of the Perinatal Epidemiology and Health Outcomes Research Unit in the division of Neonatology at the School of Medicine and Lucile Packard Children's Hospital. He also directs the California Perinatal Quality Care Collaborative, a network of 104 California hospitals that provide intensive care to newborns that have volunteered to submit and compare uniform care processes and outcome data and conduct quality improvement initiatives for their mothers and newborns.

Gould is a leading public health researcher in population-based studies related to neonatal and perinatal diseases. Much of his research is focused on developing strategies to assess the quality of perinatal care based on risk-adjusted indicators of neonatal morbidity.

Publications

PUBLICATIONS

- **Differential transport patterns by race and ethnicity in very low birth weight infants.** *Journal of perinatology : official journal of the California Perinatal Association*
  Kunz, S. N., Zitnik, M., Helkey, D., Razdan, S., Gould, J. B., Profit, J., Zupancic, J. A.
  2026
- **Perinatal prediction of mortality for neonates born at 22-25 weeks gestation.** *Journal of perinatology : official journal of the California Perinatal Association*
  Chen, X., Lu, T., De Francisco, D., Gould, J. B., Hintz, S. R., Lyell, D. J., Xu, X., Sie, L., Rysavy, M. A., Aghaeepour, N., Lee, H. C.
  2026
- **The California Perinatal Quality Care Collaborative: Together We Are Stronger.** *Obstetrics and gynecology clinics of North America*
  Profit, J., Lyell, D. J., Gould, J. B.
  2026; 53 (1): 51-64
- **Impact of COVID-19 respiratory conditions on pregnancy outcomes in California.** *Journal of perinatology : official journal of the California Perinatal Association*
  Martin, C. B., Chang, S. C., Sakowski, C., Aziz, N., Gould, J. B., Stevenson, D. K., Main, E. K.

2026

- **Comparative analysis of necrotizing enterocolitis in preterm infants born in Japan and born to mothers of Japanese ethnicity in California.** *Scientific reports*
  Kusuda, S., Bennett, M. V., Gould, J. B.
  2025; 15 (1): 9943

- **Neonatal Intensive Care Unit Use for Newborns With Relatively Lower Illness Acuity.** *Pediatrics*
  Schulman, J., Gould, J. B., Lee, H. C., Profit, J., Govindaswami, B.
  2025; 155 (3)

- **Disparities in Survival Without Major Morbidity Among Very Low Birth Weight Infants in California.** *Pediatrics*
  Liu, J., Profit, J., Hintz, S. R., Gould, J. B., Main, E. K., Lee, H. C.
  2024

- **Methodologic considerations in estimating racial disparity of mortality among very preterm infants.** *Pediatric research*
  Jiang, S., Rose, L. A., Gould, J. B., Bennett, M. V., Profit, J., Lee, H. C.
  2024

- **Evaluating Epidemiologic Trends and Variations in NICU Admissions in California, 2008 to 2018.** *Hospital pediatrics*
  Pang, E. M., Liu, J., Lu, T., Joshi, N. S., Gould, J., Lee, H. C.
  2023; 13 (11): 976-83

- **In Situ Simulation and Clinical Outcomes in Infants Born Preterm.** *The Journal of pediatrics*
  Chitkara, R., Bennett, M., Bohnert, J., Yamada, N., Fuerch, J., Halamek, L. P., Quinn, J., Padua, K., Gould, J., Profit, J., Xu, X., Lee, H. C.
  2023: 113715

- **Cohort selection and the estimation of racial disparity in mortality of extremely preterm neonates.** *Pediatric research*
  Gould, J. B., Bennett, M. V., Profit, J., Lee, H. C.
  2023

- **Moms in the NICU: developing a pilot to engage and empower women who have delivered a prematurely born infant.** *BMC pregnancy and childbirth*
  Padua, K., Robinson, R., Ness, A., Judy, A., Lee, G. M., Gould, J.
  2023; 23 (1): 432

- **Linked Birth Cohort Files for Perinatal Health Research: California as a Model for Methodology and Implementation.** *Annals of epidemiology*
  Danielsen, B. H., Carmichael, S. L., Jb, G., Hc, L.
  2023

- **Vignette Research Methodology: An Essential Tool for Quality Improvement Collaboratives.** *Healthcare (Basel, Switzerland)*
  Payton, K. S., Gould, J. B.
  2022; 11 (1)

- **Validation of ICD-10-CM Diagnosis Codes for Gestational Age at Birth.** *Epidemiology (Cambridge, Mass.)*
  Leonard, S. A., Panelli, D. M., Gould, J. B., Gemmill, A., Main, E. K.
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- **Active treatment of infants born at 22-25 weeks of gestation in California, 2011-2018.** *The Journal of pediatrics*
  Chen, X., Lu, T., Gould, J., Hintz, S. R., Lyell, D. J., Xu, X., Sie, L., Rysavy, M., Davis, A. S., Lee, H. C.
  2022

- **Validation of ICD-10-CM Diagnosis Codes for Gestational Age at Birth**
  Leonard, S. A., Gould, J. B., Main, E. K.
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  2021

- **Randomized controlled trial of the "WISER" intervention to reduce healthcare worker burnout** *JOURNAL OF PERINATOLOGY*
  Profit, J., Adair, K. C., Cui, X., Mitchell, B., Brandon, D., Tawfik, D. S., Rigdon, J., Gould, J. B., Lee, H. C., Timpson, W. L., McCaffrey, M. J., Davis, A. S., Pammi, et al
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- **Vignettes Identify Variation in Antibiotic Use for Suspected Early Onset Sepsis.** *Hospital pediatrics*
  Payton, K. S., Wirtschafter, D., Bennett, M. V., Benitz, W. E., Lee, H. C., Kristensen-Cabrera, A., C Nisbet, C., Gould, J., Parker, C., Sharek, P. J.
  2021

- **Early term-infant discharge associated with higher re-admission rates** *JOURNAL OF PEDIATRICS*
  Lee, H., Gould, J. B.
  2021; 230: 267-268

- **Measuring Variation in Interpregnancy Interval: Identifying Hotspots for Improvement Initiatives.** *American journal of perinatology*
  Karakash, S. D., Main, E. K., Chang, S. C., Shaw, G. M., Stevenson, D. K., Gould, J. B.
  2021

- **Singleton preterm birth rates for racial and ethnic groups during the coronavirus disease 2019 pandemic in California.** *American journal of obstetrics and gynecology*
  Main, E. K., Chang, S., Carpenter, A. M., Wise, P. H., Stevenson, D. K., Shaw, G. M., Gould, J. B.
  2020

- **Building the First Statewide Quality Improvement Collaborative, the CPQCC: A Historic Perspective.** *Children (Basel, Switzerland)*
  Gould, J. B.
  2020; 7 (10)

- **Outcomes of Infants with Very Low Birth Weight Associated with Birthplace Difference: A Retrospective Cohort Study of Births in Japan and California.** *The Journal of pediatrics*
  Kusuda, S., Bennett, M., Gould, J., Neonatal Research Network of Japan and the California Perinatal Quality Care Collaborative
  2020

- **Racial/Ethnic Disparities Among Extremely Preterm Infants in the United States From 2002 to 2016.** *JAMA network open*
  Travers, C. P., Carlo, W. A., McDonald, S. A., Das, A., Ambalavanan, N., Bell, E. F., Sanchez, P. J., Stoll, B. J., Wyckoff, M. H., Laptook, A. R., Van Meurs, K. P., Goldberg, R. N., D'Angio, et al
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- **Towards personalized medicine in maternal and child health: integrating biologic and social determinants.** *Pediatric research*
  Stevenson, D. K., Wong, R. J., Aghaeepour, N., Maric, I., Angst, M. S., Contrepois, K., Darmstadt, G. L., Druzin, M. L., Eisenberg, M. L., Gaudilliere, B., Gibbs, R. S., Gotlib, I. H., Gould, et al
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- **Composite neonatal morbidity indicators using hospital discharge data: A systematic review.** *Paediatric and perinatal epidemiology*
  Lebreton, E., Crenn-Hebert, C., Menguy, C., Howell, E. A., Gould, J. B., Dechartres, A., Zeitlin, J.
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  Padula, A. M., Shariff-Marco, S., Yang, J., Jain, J., Liu, J., Conroy, S. M., Carmichael, S. L., Gomez, S. L., Phibbs, C., Oehlert, J., Gould, J. B., Profit, J.
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  Girsen, A. I., Mayo, J. A., Datoc, I. A., Karakash, S. n., Gould, J. B., Stevenson, D. K., El-Sayed, Y. Y., Shaw, G. M.
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- **Maternal and infant predictors of infant mortality in California, 2007-2015.** *PloS one*
  Ratnasiri, A. W., Lakshminrusimha, S. n., Dieckmann, R. A., Lee, H. C., Gould, J. B., Parry, S. S., Arief, V. N., DeLacy, I. H., DiLibero, R. J., Basford, K. E.
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- **Cytomegalovirus Infection among Infants in Neonatal Intensive Care Units, California, 2005 to 2016** *AMERICAN JOURNAL OF PERINATOLOGY*
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- **Time of Birth and the Risk of Severe Unexpected Complications in Term Singleton Neonates.** *Obstetrics and gynecology*
  Gould, J. B., Abreo, A. M., Chang, S. C., Main, E. K.
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- **Reduction in Racial Disparities in Severe Maternal Morbidity from Hemorrhage in a Large-scale Quality Improvement Collaborative.** *American journal of obstetrics and gynecology*
  Main, E. K., Chang, S. C., Dhurjati, R. n., Cape, V. n., Profit, J. n., Gould, J. B.
  2020

- **Factors Associated with Successful First High-Risk Infant Clinic Visit for Very Low Birth Weight Infants in California** *JOURNAL OF PEDIATRICS*
  Hintz, S. R., Gould, J. B., Bennett, M., Lu, T., Gray, E. E., Jocson, M. A. L., Fuller, M. G., Lee, H. C.
  2019; 210: 91-+

- **Racial Segregation and Inequality in the Neonatal Intensive Care Unit for Very Low-Birth-Weight and Very Preterm Infants** *JAMA PEDIATRICS*
  Horbar, J. D., Edwards, E. M., Greenberg, L. T., Profit, J., Draper, D., Helkey, D., Lorch, S. A., Lee, H. C., Phibbs, C. S., Rogowski, J., Gould, J. B., Firebaugh, G.
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- **Factors Associated with Successful First High-Risk Infant Clinic Visit for Very Low Birth Weight Infants in California.** *The Journal of pediatrics*
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- **Racial Segregation and Inequality in the Neonatal Intensive Care Unit for Very Low-Birth-Weight and Very Preterm Infants.** *JAMA pediatrics*
  Horbar, J. D., Edwards, E. M., Greenberg, L. T., Profit, J., Draper, D., Helkey, D., Lorch, S. A., Lee, H. C., Phibbs, C. S., Rogowski, J., Gould, J. B., Firebaugh, G.
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- **Cytomegalovirus Infection among Infants in Neonatal Intensive Care Units, California, 2005 to 2016.** *American journal of perinatology*
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- **Understanding health disparities** *JOURNAL OF PERINATOLOGY*
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- **Perinatal Risk Factors and Outcome Coding in Clinical and Administrative Databases** *PEDIATRICS*
  Tawfik, D. S., Gould, J. B., Profit, J.
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- **Perinatal Risk Factors and Outcome Coding in Clinical and Administrative Databases.** *Pediatrics*
  Tawfik, D. S., Gould, J. B., Profit, J.
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- **Clinical deterioration during neonatal transport in California.** *Journal of perinatology : official journal of the California Perinatal Association*
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- **Birth Hospitalization Costs and Days of Care for Mothers and Neonates in California, 2009-2011** *JOURNAL OF PEDIATRICS*
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- **Neonatal transport in California: findings from a qualitative investigation.** *Journal of perinatology : official journal of the California Perinatal Association*
  Akula, V. P., Hedli, L. C., Van Meurs, K. n., Gould, J. B., Peiyi, K. n., Lee, H. C.
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- **Racial/Ethnic Disparities in Neonatal Intensive Care: A Systematic Review.** *Pediatrics*
  Sigurdson, K. n., Mitchell, B. n., Liu, J. n., Morton, C. n., Gould, J. B., Lee, H. C., Capdarest-Arest, N. n., Profit, J. n.
  2019
- **Newborn Antibiotic Exposures and Association With Proven Bloodstream Infection.** *Pediatrics*
  Schulman, J. n., Benitz, W. E., Profit, J. n., Lee, H. C., Dueñas, G. n., Bennett, M. V., Jocson, M. A., Schutzengel, R. n., Gould, J. B.
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- **Understanding health disparities.** *Journal of perinatology : official journal of the California Perinatal Association*
  Stevenson, D. K., Wong, R. J., Aghaeepour, N., Angst, M. S., Darmstadt, G. L., DiGiulio, D. B., Druzin, M. L., Gaudilliere, B., Gibbs, R. S., B Gould, J., Katz, M., Li, J., Moufarrej, et al
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- **Birth Hospitalization Costs and Days of Care for Mothers and Neonates in California, 2009-2011.** *The Journal of pediatrics*
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- **Never judge a book by its cover: how NICU evaluators reach conclusions about quality of care.** *Journal of perinatology : official journal of the California Perinatal Association*
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- **Programmatic and Administrative Barriers to High-Risk Infant Follow-Up Care.** *American journal of perinatology*
  Tang, B. G., Lee, H. C., Gray, E. E., Gould, J. B., Hintz, S. R.
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- **TIME OF BIRTH AND THE RISK OF SEVERE UNEXPECTED COMPLICATIONS IN TERM SINGLETON NEWBORNS**
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- **Network analysis: a novel method for mapping neonatal acute transport patterns in California.** *Journal of perinatology*
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- **Maternal prepregnancy body mass index and risk of bronchopulmonary dysplasia.** *Pediatric research*
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