



## Casey Krueger

- Clinical Associate Professor (Affiliated), Peds/Developmental-Behavioral Pediatrics
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### CLINICAL OFFICE (PRIMARY)

- **Developmental Behavioral Pediatrics Program**

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### Bio

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#### CLINICAL FOCUS

- Clinical Child and Adolescent Psychology

#### PROFESSIONAL EDUCATION

- Fellowship: University of California San Francisco (2009) CA
- Internship: Portia Bell Hume Center (2008) CA
- PhD Training: California School of Professional Psychology at Alliant University (2008) CA

### Publications

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#### PUBLICATIONS

- **Hydrocortisone in Preterm Infants and School-Age Functional Outcomes: Follow-Up of a Randomized Clinical Trial.** *JAMA pediatrics*  
DeMauro, S. B., Kirpalani, H., Hintz, S., Watterberg, K. L., Watson, V., Lowe, J., Shankaran, S., Chawla, S., Vohr, B., Msall, M. E., D'Angio, C. T., Yoder, B. A., Lai, et al  
2025
- **Darbepoetin, Red Cell Mass, and Neuroprotection in Preterm Infants: A Randomized Clinical Trial.** *JAMA pediatrics*  
Ohls, R. K., Das, A., Tan, S., Lowe, J. R., Schibler, K., Beauman, S. S., Bell, E. F., Laptook, A. R., Baserga, M., Patel, R. M., Carlton, D. P., Flibotte, J., Grisby, et al  
2025
- **Whole-Body Hypothermia for Neonatal Encephalopathy in Preterm Infants 33 to 35 Weeks' Gestation: A Randomized Clinical Trial.** *JAMA pediatrics*  
Faix, R. G., Laptook, A. R., Shankaran, S., Eggleston, B., Chowdhury, D., Heyne, R. J., Das, A., Pedroza, C., Tyson, J. E., Wusthoff, C., Bonifacio, S. L., Sánchez, P. J., Yoder, et al  
2025
- **NICHD Magnetic Resonance Brain Imaging Score in Term Infants With Hypoxic-Ischemic Encephalopathy: A Secondary Analysis of a Randomized Clinical Trial.** *JAMA pediatrics*  
Shankaran, S., Laptook, A. R., Guimaraes, C., Murnick, J., McDonald, S. A., Das, A., Petrie Huitema, C. M., Pappas, A., Higgins, R. D., Hintz, S. R., Zaterka-Baxter, K. M., Van Meurs, K. P., Sokol, et al  
2025

- **The Relationship Between Hispanic Ethnicity and Outcomes for Infants Born Extremely Preterm.** *The Journal of pediatrics*  
Brumbaugh, J. E., Bann, C. M., Bell, E. F., Travers, C. P., Vohr, B. R., McGowan, E. C., Harmon, H. M., Carlo, W. A., Hintz, S. R., Duncan, A. F.  
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- **Respiratory Outcomes of Infants Born Extremely Preterm in the Necrotizing Enterocolitis Surgery Trial.** *The Journal of pediatrics*  
DeMauro, S. B., Jensen, E. A., McDonald, S. A., Hintz, S., Tyson, J., Stevenson, D. K., Blakely, M. L.  
2024: 114391
- **Trends in sex differences in neurodevelopmental outcomes among extremely preterm infants.** *Archives of disease in childhood. Fetal and neonatal edition*  
Boghossian, N. S., Mack, N., Bell, E. F., Tan, S., Stoll, B., Rysavy, M., Ambalavanan, N., Tyson, J. E., Das, A., Hintz, S. R., Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network, Jobe, A. H., Caplan, M. S., et al  
2024
- **Surgical Necrotizing Enterocolitis and Spontaneous Intestinal Perforation Lead to Severe Growth Failure in Infants.** *Annals of surgery*  
Speer, A. L., Lally, K. P., Pedroza, C., Zhang, Y., Poindexter, B. B., Chwals, W. J., Hintz, S. R., Besner, G. E., Stevenson, D. K., Ohls, R. K., Truog, W. E., Stoll, B. J., Rysavy, et al  
2024; 280 (3): 432-443
- **Social Determinants of Health and Redirection of Care for Infants Born Extremely Preterm.** *JAMA pediatrics*  
Brumbaugh, J. E., Bann, C. M., Bell, E. F., Travers, C. P., Vohr, B. R., McGowan, E. C., Harmon, H. M., Carlo, W. A., Hintz, S. R., Duncan, A. F., Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network, Polin, R. A., Laptook, A. R., et al  
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- **Behavioral Outcomes and Neurodevelopmental Disorders Among Children of Women With Epilepsy.** *JAMA neurology*  
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Green, C. E., Tyson, J. E., Heyne, R. J., Hintz, S. R., Vohr, B. R., Bann, C. M., Das, A., Bell, E. F., Debsareea, S. B., Stephens, E., Gantz, M. G., Petrie Huitema, C. M., Johnson, et al  
2023
- **Heterogeneity of Treatment Effects of Hydrocortisone by Risk of Bronchopulmonary Dysplasia or Death Among Extremely Preterm Infants in the National Institute of Child Health and Human Development Neonatal Research Network Trial: A Secondary Analysis of a Randomized Clinical Trial.** *JAMA network open*  
Gentle, S. J., Rysavy, M. A., Li, L., Laughon, M. M., Patel, R. M., Jensen, E. A., Hintz, S., Ambalavanan, N., Carlo, W. A., Watterberg, K.  
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- **Early Life Outcomes in Relation to Social Determinants of Health for Children Born Extremely Preterm.** *The Journal of pediatrics*  
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- **Incidence of and Neurodevelopmental Outcomes After Late-Onset Meningitis Among Children Born Extremely Preterm.** *JAMA network open*  
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2022; 5 (12): e2245826
- **Trial of Erythropoietin for Hypoxic-Ischemic Encephalopathy in Newborns.** *The New England journal of medicine*  
Wu, Y. W., Comstock, B. A., Gonzalez, F. F., Mayock, D. E., Goodman, A. M., Maitre, N. L., Chang, T., Van Meurs, K. P., Lampland, A. L., Bendel-Stenzel, E., Mathur, A. M., Wu, T., Riley, et al  
2022; 387 (2): 148-159
- **Hydrocortisone to Improve Survival without Bronchopulmonary Dysplasia.** *The New England journal of medicine*  
Watterberg, K. L., Walsh, M. C., Li, L., Chawla, S., D'Angio, C. T., Goldberg, R. N., Hintz, S. R., Laughon, M. M., Yoder, B. A., Kennedy, K. A., McDavid, G. E., Backstrom-Lacy, C., Das, et al  
2022; 386 (12): 1121-1131
- **Antiseizure Medication Concentrations During Pregnancy: Results From the Maternal Outcomes and Neurodevelopmental Effects of Antiepileptic Drugs (MONEAD) Study.** *JAMA neurology*

Pennell, P. B., Karanam, A., Meador, K. J., Gerard, E., Kalayjian, L., Penovich, P., Matthews, A., McElrath, T. M., Birnbaum, A. K., MONEAD Study Group, Cohen, M., Druzin, M., Finnell, R., et al  
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- **Mortality, In-Hospital Morbidity, Care Practices, and 2-Year Outcomes for Extremely Preterm Infants in the US, 2013-2018.** *JAMA*  
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1800; 327 (3): 248-263
- **Association of Increased Seizures During Rewarming With Abnormal Neurodevelopmental Outcomes at 2-Year Follow-up: A Nested Multisite Cohort Study.** *JAMA neurology*  
Chalak, L. F., Pappas, A., Tan, S., Das, A., Sanchez, P. J., Laptook, A. R., Van Meurs, K. P., Shankaran, S., Bell, E. F., Davis, A. S., Heyne, R. J., Pedroza, C., Poindexter, et al  
2021
- **Two-Year-Old Cognitive Outcomes in Children of Pregnant Women With Epilepsy in the Maternal Outcomes and Neurodevelopmental Effects of Antiepileptic Drugs Study.** *JAMA neurology*  
Meador, K. J., Cohen, M. J., Loring, D. W., May, R. C., Brown, C., Robalino, C. P., Matthews, A. G., Kalayjian, L. A., Gerard, E. E., Gedzelman, E. R., Penovich, P. E., Cavitt, J., Hwang, et al  
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- **Neurodevelopmental outcome of preterm infants enrolled in myo-inositol randomized controlled trial.** *Journal of perinatology : official journal of the California Perinatal Association*  
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- **Timing of postnatal steroids for bronchopulmonary dysplasia: association with pulmonary and neurodevelopmental outcomes** *JOURNAL OF PERINATOLOGY*  
Harmon, H. M., Jensen, E. A., Tan, S., Chaudhary, A. S., Slaughter, J. L., Bell, E. F., Wyckoff, M. H., Hensman, A. M., Sokol, G. M., DeMauro, S. B., Caplan, M. S., Laptook, A. R., Keszler, et al  
2020
- **Behavior Profiles at 2Years for Children Born Extremely PretermwithBronchopulmonary Dysplasia.** *The Journal of pediatrics*  
Brumbaugh, J. E., Bell, E. F., Grey, S. F., DeMauro, S. B., Vohr, B. R., Harmon, H. M., Bann, C. M., Rysavy, M. A., Logan, J. W., Colaizy, T. T., Peralta-Carcelen, M. A., McGowan, E. C., Duncan, et al  
2020
- **Higher or Lower Hemoglobin Transfusion Thresholds for Preterm Infants.** *The New England journal of medicine*  
Kirpalani, H. n., Bell, E. F., Hintz, S. R., Tan, S. n., Schmidt, B. n., Chaudhary, A. S., Johnson, K. J., Crawford, M. M., Newman, J. E., Vohr, B. R., Carlo, W. A., D'Angio, C. T., Kennedy, et al  
2020; 383 (27): 2639–51
- **Developmental Outcomes of Extremely Preterm Infants with a Need for Child Protective Services Supervision** *JOURNAL OF PEDIATRICS*  
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2019; 215: 41–+
- **Gastrostomy Tube Feeding in Extremely Low Birthweight Infants: Frequency, Associated Comorbidities, and Long-term Outcomes** *JOURNAL OF PEDIATRICS*

Warren, M. G., Do, B., Das, A., Smith, P., Adams-Chapman, I., Jadcherla, S., Jensen, E. A., Goldstein, R. F., Goldberg, R. N., Cotten, C., Bell, E. F., Malcolm, W. F., Caplan, et al  
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- **Developmental Outcomes of Extremely Preterm Infants with a Need for Child Protective Services Supervision.** *The Journal of pediatrics*  
McGowan, E. C., Lupton, A. R., Lowe, J., Peralta-Carcelen, M., Chowdhury, D., Higgins, R. D., Hintz, S. R., Vohr, B. R., Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network, Polin, R. A., Abbott R Lupton, Martin Keszler, Angelita M Hensman, Alksninis, B., Basso, et al  
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- **Discordance in Antenatal Corticosteroid Use and Resuscitation Following Extremely Preterm Birth** *JOURNAL OF PEDIATRICS*  
Rysavy, M. A., Bell, E. F., Iams, J. D., Carlo, W. A., Li, L., Mercer, B. M., Hintz, S. R., Stoll, B. J., Vohr, B. R., Shankaran, S., Walsh, M. C., Brumbaugh, J. E., Colaizy, et al  
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- **Outcomes of Extremely Preterm Infants With Birth Weight Less Than 400 g** *JAMA PEDIATRICS*  
Brumbaugh, J. E., Hansen, N. I., Bell, E. F., Sridhar, A., Carlo, W. A., Hintz, S. R., Vohr, B. R., Colaizy, T. T., Duncan, A. F., Wyckoff, M. H., Baack, M. L., Rysavy, M. A., DeMauro, et al  
2019; 173 (5): 434–45
- **Neurodevelopmental outcomes among extremely premature infants with linear growth restriction** *JOURNAL OF PERINATOLOGY*  
Meyers, J. M., Tan, S., Bell, E. F., Duncan, A. F., Guillet, R., Stoll, B. J., D'Angio, C. T., Caplan, M. S., Lupton, A. R., Keszler, M., Vohr, B. R., Hensman, A. M., Vieira, et al  
2019; 39 (2): 193–202
- **Behavioral problems are associated with cognitive and language scores in toddlers born extremely preterm** *EARLY HUMAN DEVELOPMENT*  
Lowe, J. R., Fuller, J. F., Do, B. T., Vohr, B. R., Das, A., Hintz, S. R., Watterberg, K. L., Higgins, R. D., Caplan, M. S., Lupton, A. R., Keszler, M., Hensman, A. M., Vieira, et al  
2019; 128: 48–54
- **Fetal loss and malformations in the MONEAD study of pregnant women with epilepsy.** *Neurology*  
Meador, K. J., Pennell, P. B., May, R. C., Van Marter, L. n., McElrath, T. F., Brown, C. n., Gerard, E. n., Kalayjian, L. n., Gedzelman, E. n., Penovich, P. n., Cavitt, J. n., French, J. n., Hwang, et al  
2019
- **Behavioral problems are associated with cognitive and language scores in toddlers born extremely preterm.** *Early human development*  
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2018; 128: 48–54
- **Changes in antiepileptic drug-prescribing patterns in pregnant women with epilepsy** *EPILEPSY & BEHAVIOR*  
Meador, K. J., Pennell, P. B., May, R. C., Gerard, E., Kalayjian, L., Velez-Ruiz, N., Penovich, P., Cavitt, J., French, J., Hwang, S., Pack, A. M., Sam, M., Moore, et al  
2018; 84: 10–14
- **Outcome of Preterm Infants with Transient Cystic Periventricular Leukomalacia on Serial Cranial Imaging Up to Term Equivalent Age** *JOURNAL OF PEDIATRICS*  
Sarkar, S., Shankaran, S., Barks, J., Do, B. T., Lupton, A. R., Das, A., Ambalavanan, N., Van Meurs, K. P., Bell, E. F., Sanchez, P. J., Hintz, S. R., Wyckoff, M. H., Stoll, et al  
2018; 195: 59+
- **Treatment of methylmalonic acidemia by liver or combined liver-kidney transplantation.** *journal of pediatrics*  
Niemi, A., Kim, I. K., Krueger, C. E., Cowan, T. M., Baugh, N., Farrell, R., Bonham, C. A., Concepcion, W., Esquivel, C. O., Enns, G. M.  
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- **Liver transplantation for urea cycle disorders in pediatric patients: A single-center experience** *PEDIATRIC TRANSPLANTATION*  
Kim, I. K., Niemi, A., Krueger, C., Bonham, C. A., Concepcion, W., Cowan, T. M., Enns, G. M., Esquivel, C. O.

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- **Know Thyself: Real-World Behavioral Correlates of Self-Appraisal Accuracy** *CLINICAL NEUROPSYCHOLOGIST*  
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- **Neuropsychological functioning in children with posttraumatic stress disorder.** *Child neuropsychology : a journal on normal and abnormal development in childhood and adolescence*  
Samuelson, K. W., Krueger, C. E., Burnett, C., Wilson, C. K.  
2010; 16 (2): 119-33
- **Longitudinal Rates of Lobar Atrophy in Frontotemporal Dementia, Semantic Dementia, and Alzheimer's Disease** *ALZHEIMER DISEASE & ASSOCIATED DISORDERS*  
Krueger, C. E., Dean, D. L., Rosen, H. J., Halabi, C., Weiner, M., Miller, B. L., Kramer, J. H.  
2010; 24 (1): 43-48
- **Conflict monitoring in early frontotemporal dementia** *NEUROLOGY*  
Krueger, C. E., Bird, A. C., Growdon, M. E., Jang, J. Y., Miller, B. L., Kramer, J. H.  
2009; 73 (5): 349-55