

William Brian Gallentine

- Clinical Professor, Pediatric Neurology
- Clinical Professor (By courtesy), Pediatrics

CLINICAL OFFICE (PRIMARY)

- **Pediatric Neurology and Epilepsy**

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Bio

CLINICAL FOCUS

- Epilepsy

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatric Neurology
- Clinical Professor (By courtesy), Pediatrics
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Medical Education: Philadelphia College of Osteopathic Medicine (2000) PA
- Board Certification: Neurology with Special Qualifications in Child Neurology, American Board of Psychiatry and Neurology (2007)
- Board Certification: Epilepsy, American Board of Psychiatry and Neurology (2018)
- Board Certification, Epilepsy, American Board of Psychiatry and Neurology (2018)
- Board Certification: Clinical Neurophysiology, American Board of Psychiatry and Neurology (2009)
- Fellowship: Duke University Clinical Neurophysiology Fellowship (2007) NC
- Residency: Duke University Child Neurology Residency (2006) NC
- Residency: Geisinger Health System Pediatric Residency (2003) PA

Publications

PUBLICATIONS

- **Images: Benign myoclonus of sleep associated with K-complexes on EEG.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
Silverman, A., Miglis, M. G., Gallentine, W.
2023
- **Safe use of the ketogenic diet in an infant with microcephaly, epilepsy, and diabetes syndrome: a case report.** *BMC pediatrics*
Zegarra, W. A., Gallentine, W. B., Ruzhnikov, M. R., McAndrews, C. A., Gloyn, A. L., Addala, A.
2023; 23 (1): 453

- **Automated Interpretation of Clinical Electroencephalograms Using Artificial Intelligence.** *JAMA neurology*
Tveit, J., Aurlien, H., Plis, S., Calhoun, V. D., Tatum, W. O., Schomer, D. L., Arntsen, V., Cox, F., Fahoum, F., Gallentine, W. B., Gardella, E., Hahn, C. D., Husain, et al
2023
- **Survey of Pediatric ICU EEG Monitoring-Reassessment After a Decade.** *Journal of clinical neurophysiology : official publication of the American Electroencephalographic Society*
Fung, F. W., Carpenter, J. L., Chapman, K. E., Gallentine, W., Giza, C. C., Goldstein, J. L., Hahn, C. D., Loddenkemper, T., Matsumoto, J. H., Press, C. A., Riviello, J. J., Abend, N. S.
2023
- **Diagnosis of TBC1D32-associated conditions: Expanding the phenotypic spectrum of a complex ciliopathy.** *American journal of medical genetics. Part A*
Harris, S. C., Chong, K., Chitayat, D., Gilmore, K. L., Jorge, A. A., Freire, B. L., Lerario, A., Shannon, P., Cope, H., Gallentine, W. B., Le Guyader, G., Bilan, F., Létard, et al
2023
- **Delineating the Epilepsy Phenotype of NGLY1 Deficiency.** *Journal of inherited metabolic disease*
Levy, R. J., Frater, C. H., Gallentine, W. B., Phillips, J. M., Ruzhnikov, M. R.
2022
- **Use and Safety of Immunotherapeutic Management of N-Methyl-d-Aspartate Receptor Antibody Encephalitis: A Meta-analysis.** *JAMA neurology*
Nosadini, M., Eyre, M., Molteni, E., Thomas, T., Irani, S. R., Dalmau, J., Dale, R. C., Lim, M., International NMDAR Antibody Encephalitis Consensus Group, Anlar, B., Armangue, T., Benseler, S., Cellucci, T., et al
2021
- **International Consensus Recommendations for the Treatment of Pediatric NMDAR Antibody Encephalitis.** *Neurology(R) neuroimmunology & neuroinflammation*
Nosadini, M., Thomas, T., Eyre, M., Anlar, B., Armangue, T., Benseler, S. M., Cellucci, T., Deiva, K., Gallentine, W., Gombolay, G., Gorman, M. P., Hacoheh, Y., Jiang, et al
2021; 8 (5)
- **Psychiatric Phenotypes of Pediatric Patients With Seropositive Autoimmune Encephalitis.** *Hospital pediatrics*
Adams, A. V., Van Mater, H., Gallentine, W., Mooneyham, G. C.
2021
- **Alterations in coordinated EEG activity precede the development of seizures in comatose children.** *Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology*
Vakorin, V. A., Nita, D. A., Payne, E. T., McBain, K. L., Frndova, H., Go, C., Ribary, U., Abend, N. S., Gallentine, W. B., Nash, K. B., Hutchison, J. S., Parshuram, C. S., Snead, et al
2021; 132 (7): 1505-1514
- **Clinical approach to the diagnosis of autoimmune encephalitis in the pediatric patient.** *Neurology(R) neuroimmunology & neuroinflammation*
Cellucci, T., Van Mater, H., Graus, F., Muscal, E., Gallentine, W., Klein-Gitelman, M. S., Benseler, S. M., Frankovich, J., Gorman, M. P., Van Haren, K., Dalmau, J., Dale, R. C.
2020; 7 (2)
- **Evaluation of Diagnostic Criteria for Hashimoto's Encephalopathy Among Children and Adolescents.** *Pediatric neurology*
Adams, A. V., Mooneyham, G. C., Van Mater, H., Gallentine, W.
2020
- **Subacute Neuropsychiatric Syndrome in Girls With SHANK3 Mutations Responds to Immunomodulation.** *Pediatrics*
Bey, A. L., Gorman, M. P., Gallentine, W. n., Kohlenberg, T. M., Frankovich, J. n., Jiang, Y. H., Van Haren, K. n.
2020; 145 (2)
- **Institutional Pediatric Convulsive Status Epilepticus Protocol Decreases Time to First and Second Line Anti-Seizure Medication Administration.** *Seizure*
Trau, S. P., Sterrett, E. C., Feinstein, L. n., Tran, L. n., Gallentine, W. B., Tchapyjnikov, D. n.
2020; 81: 263-68

- **Mutations in NCAPG2 Cause a Severe Neurodevelopmental Syndrome that Expands the Phenotypic Spectrum of Condensinopathies** *AMERICAN JOURNAL OF HUMAN GENETICS*
Khan, T. N., Khan, K., Sadeghpour, A., Reynolds, H., Perilla, Y., McDonald, M. T., Gallentine, W. B., Baig, S. M., Davis, E. E., Katsanis, N., Task Force Neonatal Genomics
2019; 104 (1): 94–111
- **De novo variants in the alternative exon 5 of SCN8A cause epileptic encephalopathy** *GENETICS IN MEDICINE*
Berkovic, S. F., Dixon-Salazar, T., Goldstein, D. B., Heinzen, E. L., Laughlin, B. L., Lowenstein, D. H., Lubbers, L., Milder, J., Stewart, R., Whittemore, V., Angione, K., Bazil, C. W., Bier, et al
2018; 20 (2): 275–81
- **Development and validation of a seizure prediction model in critically ill children** *SEIZURE-EUROPEAN JOURNAL OF EPILEPSY*
Yang, A., Arndt, D. H., Berg, R. A., Carpenter, J. L., Chapman, K. E., Dlugos, D. J., Gallentine, W. B., Giza, C. C., Goldstein, J. L., Hahn, C. D., Lerner, J. T., Loddenkemper, T., Matsumoto, et al
2015; 25: 104-111
- **Development and validation of a seizure prediction model in critically ill children.** *Seizure*
Yang, A., Arndt, D. H., Berg, R. A., Carpenter, J. L., Chapman, K. E., Dlugos, D. J., Gallentine, W. B., Giza, C. C., Goldstein, J. L., Hahn, C. D., Lerner, J. T., Loddenkemper, T., Matsumoto, et al
2015; 25: 104-111
- **Reorganization and stability for motor and language areas using cortical stimulation: case example and review of the literature.** *Brain sciences*
Serafini, S., Komisarow, J. M., Gallentine, W., Mikati, M. A., Bonner, M. J., Kranz, P. G., Haglund, M. M., Grant, G.
2013; 3 (4): 1597-1614