Stanford

Cynthia Campen

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

CLINICAL OFFICE (PRIMARY)

- **Pediatric Oncology Clinic**

  725 Welch Rd Ste 150

  Palo Alto, CA 94304

  Tel (650) 497-8953 **Fax** (650) 497-8959

Bio

CLINICAL FOCUS

- Pediatric Neuro-oncology
- Neurofibromatosis
- Neurology with Special Qualifications in Child Neurology

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- Program Director, Child Neurology Residency, (2014- present)

PROFESSIONAL EDUCATION

- Board Certification: Neurology with Special Qualifications in Child Neurology, American Board of Psychiatry and Neurology (2009)
- Residency: UCSF Pediatric Department (2006) CA
- Internship: UCSF Pediatric Department (2005) CA
- Fellowship: Stanford University Child Neurology Residency (2011) CA
- Residency: Children's Hospital of Philadelphia Child Neurology (2009) PA
- Medical Education: University of California at San Francisco School of Medicine (2004) CA
- Board Certification: Neuro-Oncology, United Council for Neurologic Subspecialties (2013)

LINKS

- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html

Research & Scholarship

CLINICAL TRIALS

- A Study of Lower Radiotherapy Dose to Treat Children With CNS Germinoma, Recruiting
- A Clinical and Molecular Risk-Directed Therapy for Newly Diagnosed Medulloblastoma, Not Recruiting
- A Pilot Study of SurVaxM in Children Progressive or Relapsed Medulloblastoma, High Grade Glioma, Ependymoma and Newly Diagnosed Diffuse Intrinsic Pontine Glioma, Not Recruiting
- MEK Inhibitor Mirdametinib (PD-0325901) in Patients With Neurofibromatosis Type 1 Associated Plexiform Neurofibromas, Not Recruiting
- Palbociclib Isethionate in Treating Younger Patients With Recurrent, Progressive, or Refractory Central Nervous System Tumors, Not Recruiting
- Phase 2 Study of Alisertib Therapy for Rhabdoid Tumors, Not Recruiting

Publications

PUBLICATIONS

- **Pediatric Functional Neurological Disorder: Demographic and Clinical Factors Impacting Care** *JOURNAL OF CHILD NEUROLOGY*
  Pal, R., Romero, E., He, Z., Stevenson, T., Campen, C.
  2022: 8830738221113899

- **MAJOR TUMOR REGRESSIONS IN H3K27M-MUTATED DIFFUSE MIDLINE GLIOMA (DMG) FOLLOWING SEQUENTIAL INTRAVENOUS (IV) AND INTRACEREBROVENTRICULAR (ICV) DELIVERY OF GD2-CAR T-CELLS**
  Monje, M., Majzner, R., Mahdi, J., Ramakrishna, S., Patel, S., Chinnasamy, H., Yeom, K., Schultz, L., Barsan, V., Richards, R., Campen, C., Reschke, A., Toland, et al
  OXFORD UNIV PRESS INC.2022: 20-21

- **GD2-CAR T cell therapy for H3K27M-mutated diffuse midline gliomas.** *Nature*
  Majzner, R. G., Ramakrishna, S., Yeom, K. W., Patel, S., Chinnasamy, H., Schultz, L. M., Richards, R. M., Jiang, L., Barsan, V., Mancusi, R., Geraghty, A. C., Good, Z., Mochizuki, et al
  2022

- **Risk Factors for Treatment Refractory and Relapsed Optic Pathway Glioma in Children with Neurofibromatosis Type 1.** *Neuro-oncology*
  Kotch, C., Avery, R., Getz, K. D., Bouffet, E., de Blank, P., Listernick, R., Gutmann, D. H., Bornhorst, M., Campen, C., Liu, G. T., Aplenc, R., Li, Y., Fisher, et al
  1800

- **Machine-learning Approach to Differentiation of Benign and Malignant Peripheral Nerve Sheath Tumors: A Multicenter Study**
  Zhang, M., Tong, E., Hamrick, F., Pendleton, C., Smith, B., Hug, N., Mattonen, S., Napel, S., Spinner, R., Yeom, K., Wilson, T., Mahan, M.
  AMER ASSOC NEUROLOGICAL SURGEONS.2021

- **GD2 CAR T cells mediate clinical activity and manageable toxicity in children and young adults with DIPG and H3K27M-mutated diffuse midline gliomas.**
  Majzner, R. G., Ramakrishna, S., Mochizuki, A., Patel, S., Chinnasamy, H., Yeom, K., Schultz, L., Richards, R., Campen, C., Reschke, A., Mahdi, J., Toland, A., Baggott, et al
  AMER ASSOC CANCER RESEARCH.2021

- **Machine-Learning Approach to Differentiation of Benign and Malignant Peripheral Nerve Sheath Tumors: A Multicenter Study.** *Neurosurgery*
  Zhang, M., Tong, E., Hamrick, F., Lee, E. H., Tam, L. T., Pendleton, C., Smith, B. W., Hug, N. F., Biswal, S., Seekins, J., Mattonen, S. A., Napel, S., Campen, et al
  2021

- **SINGLE CELL RNA SEQUENCING FROM THE CSF OF SUBJECTS WITH H3K27M+DIPG/DMG TREATED WITH GD2 CAR T-CELLULAR THERAPY**
  Mochizuki, A., Ramakrishna, S., Good, Z., Patel, S., Chinnasamy, H., Yeom, K., Schultz, L., Richards, R., Campen, C., Reschke, A., Mahdi, J., Toland, A., Baggot, et al
  OXFORD UNIV PRESS INC.2021: 39

- **GD2 CAR T-CELLS MEDIATE CLINICAL ACTIVITY AND MANAGEABLE TOXICITY IN CHILDREN AND YOUNG ADULTS WITH H3K27M-MUTATED DIPG AND SPINAL CORD DMG**
  Majzner, R., Ramakrishna, S., Mochizuki, A., Patel, S., Chinnasamy, H., Yeom, K., Schultz, L., Richards, R., Campen, C., Reschke, A., Mahdi, J., Martin, A., Toland, et al
  OXFORD UNIV PRESS INC.2021: 49-50

- **Effects of Age on White Matter Microstructure in Children With Neurofibromatosis Type 1.** *Journal of child neurology*
  Tam, L. T., Ng, N. N., McKenna, E. S., Bruckert, L., Yeom, K. W., Campen, C. J.
  2021: 8830738211008736

- **EXAMINING DIFFUSION, ARTERIAL SPIN-LABELED PERFUSION, AND VOLUMETRIC CHANGES IN THE NEUROFIBROMATOSIS TYPE 1 BRAIN USING AN ATLAS-BASED, MULTI-PARAMETRIC APPROACH**
  Tam, L., Ng, N., Moon, P., Zheng, J., McKenna, E., Forkert, N., Campen, C., Yeom, K.
  OXFORD UNIV PRESS INC.2020: 418

- **WHITE MATTER DIFFERENCES IN CHILDREN WITH NF1 COMPARED TO CONTROLS**
  Bruckert, L., Travis, K., McKenna, E., Yeom, K., Campen, C.
  OXFORD UNIV PRESS INC.2020: 419–20

- **ENROLLMENT AND CLINICAL CHARACTERISTICS OF NEWLY DIAGNOSED, NEUROFIBROMATOSIS TYPE 1 ASSOCIATED OPTIC PATHWAY GLIOMA (NF1-OPG): PRELIMINARY RESULTS FROM AN INTERNATIONAL MULTI-CENTER NATURAL HISTORY STUDY**
  Fisher, M. J., Liu, G. T., Ferner, R. E., Gutmann, D. H., Listernick, R., de Blank, P., Zeid, J., Ullrich, N. J., Heidary, G., Bornhorst, M., Stasheff, S. F., Rosser, T., Borchert, et al
  OXFORD UNIV PRESS INC.2020: 419

- **Clinical Features of Neurofibromatosis Type 2 (NF2) in Children during the First Decade of Life**
  Gaudioso, C., Listernick, R., Fisher, M. J., Campen, C. J., Paz, A., Gutmann, D. H.
  WILEY.2019: S114

- **Neurofibromatosis 2 in children presenting during the first decade of life.** *Neurology*
  Gaudioso, C. n., Listernick, R. n., Fisher, M. J., Campen, C. J., Paz, A. n., Gutmann, D. H.
  2019

- **Comment: Genotype-phenotype correlations in NF1: A case for routine genetic testing** *NEUROLOGY*
  Campen, C. J., Greenwood, R. S.
  2018; 90 (8): 380

- **Pediatric Bickerstaff brainstem encephalitis: a systematic review of literature and case series** *JOURNAL OF NEUROLOGY*
  Santoro, J., Lazzareschi, D. V., Campen, C., Van Haren, K. P.
  2018; 265 (1): 141–50

- **Surgical outcomes of pediatric spinal cord astrocytomas: systematic review and meta-analysis.** *Journal of neurosurgery. Pediatrics*
  Azad, T. D., Pendharkar, A. V., Pan, J. n., Huang, Y. n., Li, A. n., Esparza, R. n., Mehta, S. n., Connolly, I. D., Veeravagu, A. n., Campen, C. J., Cheshier, S. H., Edwards, M. S., Fisher, et al
  2018: 1–7

- **Optic Pathway Gliomas in Neurofibromatosis Type 1** *JOURNAL OF CHILD NEUROLOGY*
  Campen, C. J., Gutmann, D. H.
  2018; 33 (1): 73–81

- **Brain Perfusion and Diffusion Abnormalities in Children Treated for Posterior Fossa Brain Tumors.** *journal of pediatrics*
  Li, M. D., Forkert, N. D., Kundu, P., Ambler, C., Lober, R. M., Burns, T. C., Barnes, P. D., Gibbs, I. C., Grant, G. A., Fisher, P. G., Cheshier, S. H., Campen, C. J., Monje, et al
  2017

- **PSYCHIATRIC SYMPTOMS IN CHILDREN WITH SUPRASELLAR TUMORS**
  Cooney, T., Vitanza, N., Monje, M., Fisher, P., Campen, C.
  OXFORD UNIV PRESS INC.2016: 46

- **Reduced Cerebral Arterial Spin-Labeled Perfusion in Children with Neurofibromatosis Type 1** *AMERICAN JOURNAL OF NEURORADIOLOGY*

Yeom, K. W., Lober, R. M., Barnes, P. D., Campen, C. J.
2013; 34 (9): 1823-1828

- **Anti-N-methyl-D-aspartate receptor encephalitis: what's in a name?** *journal of pediatrics*
  Campen, C. J., Fisher, P. G.
  2013; 162 (4): 673-675

- **Concurrent cyclophosphamide and craniospinal radiotherapy for pediatric high-risk embryonal brain tumors** *JOURNAL OF NEURO-ONCOLOGY*
  Campen, C. J., Dearlove, J., Partap, S., Murphy, P., Gibbs, I. C., Dahl, G. V., Fisher, P. G.
  2012; 110 (2): 287-291

- **Cranial Irradiation Increases Risk of Stroke in Pediatric Brain Tumor Survivors** *STROKE*
  Campen, C. J., Kranick, S. M., Kasner, S. E., Kessler, S. K., Zimmerman, R. A., Lustig, R., Phillips, P. C., Storm, P. B., Smith, S. E., Ichord, R., Fisher, M. J.
  2012; 43 (11): 3035-U418

- **Subependymal Giant Cell Astrocytoma (SEGA) Treatment Update** *CURRENT TREATMENT OPTIONS IN NEUROLOGY*
  Campen, C. J., Porter, B. E.
  2011; 13 (4): 380-385

- **50 Years Ago in THE JOURNAL OF PEDIATRICS A Critical Evaluation of Therapy of Febrile Seizures** *JOURNAL OF PEDIATRICS*
  Campen, C. J., Fisher, P. G.
  2010; 156 (3): 449-449