Stanford



Kevin William Hoffman, MD, PhD

Clinical Assistant Professor, Psychiatry and Behavioral Sciences - Child & Adolescent Psychiatry and Child Development

CLINICAL OFFICE (PRIMARY)

- **Stanford Children's Health**

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Bio

BIO

Kevin is a child, adolescent, and adult psychiatrist who primarily works with the Immune Behavioral Health (IBH) clinic at Stanford University. Kevin completed his Bachelor's degree at Haverford College. He then moved to New York to complete combined MD and PhD degrees at the Icahn School of Medicine at Mount Sinai, where his dissertation research in the department of microbiology was focused on how the immune system responds to viral neuroinvasion. Kevin returned to Pennsylvania for his psychiatry residency at the University of Pennsylvania and child and adolescent psychiatry fellowship at the Children's Hospital of Philadelphia. As a resident and fellow, Kevin has developed clinical interests in the overlap between medical and psychiatric illness, particularly with regards to neurodevelopmental and psychotic disorders. He also maintained research interests in the same areas, completing several projects with his mentor, Dr. Ran Barzilay, on the influence inflammatory disorders and physiologic distress have on children's mental health. Kevin has continued to pursue these interests at Stanford, where he works with children with combined immunologic and psychiatric illness, with special focus and research interests in areas of autism and psychosis.

CLINICAL FOCUS

- Child and Adolescent Psychiatry

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Psychiatry and Behavioral Sciences - Child & Adolescent Psychiatry and Child Development

PROFESSIONAL EDUCATION

- Fellowship: Children's Hospital of Philadelphia GME Verification (2025) PA
- Board Certification: Psychiatry, American Board of Psychiatry and Neurology (2024)
- Residency: Perelman School of Medicine University of Pennsylvania (2023) PA
- Medical Education: Icahn School of Medicine at Mount Sinai (2020) NY

Publications

PUBLICATIONS

- **Exposomic and polygenic contributions to allostatic load in early adolescence** *NATURE MENTAL HEALTH*
  Hoffman, K. W., Tran, K. T., Moore, T. M., Gatavins, M. M., Visoki, E., Kwon, O., Didomenico, G. E., Chaiyachati, B. H., Schultz, L. M., Almasy, L., Hayes, M. R., Daskalakis, N. P., Barzilay, et al
  2024; 2 (7)

- **Association between Asthma and Suicidality in 9-12-Year-Old Youths.** *Brain sciences*
  Hoffman, K. W., Visoki, E., Argabright, S. T., Schultz, L. M., Didomenico, G. E., Tran, K. T., Gordon, J. H., Chaiyachati, B. H., Moore, T. M., Almasy, L., Barzilay, R.
  2022; 12 (12)

- **Considering the Microbiome in Stress-Related and Neurodevelopmental Trajectories to Schizophrenia.** *Frontiers in psychiatry*
  Hoffman, K. W., Lee, J. J., Corcoran, C. M., Kimhy, D., Kranz, T. M., Malaspina, D.
  2020; 11: 629

- **Adolescent Depressive Symptom Trajectories From Before to After the COVID-19 Pandemic.** *JAMA network open*
  Gatavinš, M. M., Tran, K. T., Visoki, E., Moore, T. M., Hoffman, K. W., Shilton, T., Schultz, L. M., Almasy, L., Mancini, A. D., Barzilay, R.
  2025; 8 (12): e2545987

- **Association Between Extreme Heat and Externalizing Symptoms in Pre- and Early Adolescence: Findings From the ABCD Study.** *JAACAP open*
  Briker, S., Tran, K. T., Visoki, E., Gordon, J. H., Hoffman, K. W., Barzilay, R.
  2025; 3 (3): 713-724

- **The Role of Individual Discrimination and Structural Stigma in the Mental Health of Sexual Minority Youth.** *Journal of the American Academy of Child and Adolescent Psychiatry*
  Gordon, J. H., Tran, K. T., Visoki, E., Argabright, S. T., DiDomenico, G. E., Saiegh, E., Hoffman, K. W., Erez, G., Barzilay, R.
  2024; 63 (2): 231-244

- **Methadone Dosing for Opioid Use Disorder in the Setting of Infective Endocarditis and QTc Prolongation.** *Journal of the Academy of Consultation-Liaison Psychiatry*
  Todaro, D. R., Hoffman, K. W., Zwiebel, S. J.
  2023; 64 (6): 583-584

- **Gut and oral microbiome modulate molecular and clinical markers of schizophrenia-related symptoms: A transdiagnostic, multilevel pilot study.** *Psychiatry research*
  Lee, J. J., Piras, E., Tamburini, S., Bu, K., Wallach, D. S., Remsen, B., Cantor, A., Kong, J., Goetz, D., Hoffman, K. W., Bonner, M., Joe, P., Mueller, et al
  2023; 326: 115279

- **Exploring the intersection of the microbiome and the developing brain: Impacts on schizophrenia risk.** *Schizophrenia research*
  Gupta, L., Hoffman, K. W.
  2022; 247: 92-100

- **Aberrant type 1 immunity drives susceptibility to mucosal fungal infections.** *Science (New York, N.Y.)*
  Break, T. J., Oikonomou, V., Dutzan, N., Desai, J. V., Swidergall, M., Freiwald, T., Chauss, D., Harrison, O. J., Alejo, J., Williams, D. W., Pittaluga, S., Lee, C. R., Bouladoux, et al
  2021; 371 (6526)

- **Hippocampal metabolite concentrations in schizophrenia vary in association with rare gene variants in the TRIO gene.** *Schizophrenia research*
  Malaspina, D., Gonen, O., Rhodes, H., Hoffman, K. W., Heguy, A., Walsh-Messinger, J., Chao, M. V., Kranz, T. M.
  2020; 224: 167-169

- **Lymphocyte-driven regional immunopathology in pneumonitis caused by impaired central immune tolerance.** *Science translational medicine*
  Ferré, E. M., Break, T. J., Burbelo, P. D., Allgäuer, M., Kleiner, D. E., Jin, D., Xu, Z., Folio, L. R., Mollura, D. J., Swamydas, M., Gu, W., Hunsberger, S., Lee, et al

2019; 11 (495)

- **Dengue Virus Immunity Increases Zika Virus-Induced Damage during Pregnancy.** *Immunity*
  Brown, J. A., Singh, G., Acklin, J. A., Lee, S., Duehr, J. E., Chokola, A. N., Frere, J. J., Hoffman, K. W., Foster, G. A., Krysztof, D., Cadagan, R., Jacobs, A. R., Stramer, et al
  2019; 50 (3): 751-762.e5
- **Sex differences in cytokine production following West Nile virus infection: Implications for symptom manifestation.** *Pathogens and disease*
  Hoffman, K. W., Lee, J. J., Foster, G. A., Krysztof, D., Stramer, S. L., Lim, J. K.
  2019; 77 (2)
- **P2X Antagonists Inhibit HIV-1 Productive Infection and Inflammatory Cytokines Interleukin-10 (IL-10) and IL-1β in a Human Tonsil Explant Model.** *Journal of virology*
  Soare, A. Y., Durham, N. D., Gopal, R., Tweel, B., Hoffman, K. W., Brown, J. A., O'Brien, M., Bhardwaj, N., Lim, J. K., Chen, B. K., Swartz, T. H.
  2019; 93 (1)
- **The homozygous CX3CR1-M280 mutation impairs human monocyte survival.** *JCI insight*
  Collar, A. L., Swamydas, M., O'Hayre, M., Sajib, M. S., Hoffman, K. W., Singh, S. P., Mourad, A., Johnson, M. D., Ferre, E. M., Farber, J. M., Lim, J. K., Mikelis, C. M., Gutkind, et al
  2018; 3 (3)
- **Alveolar macrophages are critical for broadly-reactive antibody-mediated protection against influenza A virus in mice.** *Nature communications*
  He, W., Chen, C. J., Mullarkey, C. E., Hamilton, J. R., Wong, C. K., Leon, P. E., Uccellini, M. B., Chromikova, V., Henry, C., Hoffman, K. W., Lim, J. K., Wilson, P. C., Miller, et al
  2017; 8 (1): 846
- **Chemokine Receptor Ccr7 Restricts Fatal West Nile Virus Encephalitis.** *Journal of virology*
  Bardina, S. V., Brown, J. A., Michlmayr, D., Hoffman, K. W., Sum, J., Pletnev, A. G., Lira, S. A., Lim, J. K.
  2017; 91 (10)
- **Extrapulmonary Aspergillus infection in patients with CARD9 deficiency.** *JCI insight*
  Rieber, N., Gazendam, R. P., Freeman, A. F., Hsu, A. P., Collar, A. L., Sugui, J. A., Drummond, R. A., Rongkavilit, C., Hoffman, K., Henderson, C., Clark, L., Mezger, M., Swamydas, et al
  2016; 1 (17): e89890
- **Batf3-dependent CD103(+) dendritic cell accumulation is dispensable for mucosal and systemic antifungal host defense.** *Virulence*
  Break, T. J., Hoffman, K. W., Swamydas, M., Lee, C. R., Lim, J. K., Lionakis, M. S.
  2016; 7 (7): 826-35
- **Differences in Early Cytokine Production Are Associated With Development of a Greater Number of Symptoms Following West Nile Virus Infection.** *The Journal of infectious diseases*
  Hoffman, K. W., Sachs, D., Bardina, S. V., Michlmayr, D., Rodriguez, C. A., Sum, J., Foster, G. A., Krysztof, D., Stramer, S. L., Lim, J. K.
  2016; 214 (4): 634-43
- **Differential Roles of Chemokines CCL2 and CCL7 in Monocytosis and Leukocyte Migration during West Nile Virus Infection.** *Journal of immunology (Baltimore, Md. : 1950)*
  Bardina, S. V., Michlmayr, D., Hoffman, K. W., Obara, C. J., Sum, J., Charo, I. F., Lu, W., Pletnev, A. G., Lim, J. K.
  2015; 195 (9): 4306-18
- **Dynamic asymmetry and the role of the conserved active-site thiol in rabbit muscle creatine kinase.** *Biochemistry*
  Londergan, C. H., Baskin, R., Bischak, C. G., Hoffman, K. W., Snead, D. M., Reynoso, C.
  2015; 54 (1): 83-95
- **A new Raman spectroscopic probe of both the protonation state and noncovalent interactions of histidine residues.** *The journal of physical chemistry. A*
  Hoffman, K. W., Romei, M. G., Londergan, C. H.
  2013; 117 (29): 5987-96