

Stanford



Linda Lotspeich

Clinical Professor Emeritus (Active), Psychiatry and Behavioral Sciences - Child & Adolescent Psychiatry and Child Development

CLINICAL OFFICES

- **Child and Adolescent Psychiatry Clinic**

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Bio

CLINICAL FOCUS

- Psychiatry
- Child Psychiatry
- Work with children and adolescents with autism spectrum disorders
- Provide counseling to parents of individuals with autism spectrum disorders

ACADEMIC APPOINTMENTS

- Clinical Professor Emeritus (Active), Psychiatry and Behavioral Sciences - Child & Adolescent Psychiatry and Child Development

PROFESSIONAL EDUCATION

- Residency: Stanford Health Care at Lucile Packard Children's Hospital (1988) CA
- Internship: Stanford Health Care at Lucile Packard Children's Hospital (1987) CA
- Board Certification: Psychiatry, American Board of Psychiatry and Neurology (2011)
- Fellowship: Stanford University Child and Adolescent Psychiatry Fellowship (1990) CA
- Medical Education: University of Cincinnati College of Medicine (1986) OH

Publications

PUBLICATIONS

- **Prenatal and perinatal risk factors in a twin study of autism spectrum disorders.** *Journal of psychiatric research*
Froehlich-Santino, W., Londono Tobon, A., Cleveland, S., Torres, A., Phillips, J., Cohen, B., Torigoe, T., Miller, J., Fedele, A., Collins, J., Smith, K., Lotspeich, L., Croen, et al
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- **Head circumferences in twins with and without autism spectrum disorders.** *Journal of autism and developmental disorders*
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- **Individual common variants exert weak effects on the risk for autism spectrum disorders** *HUMAN MOLECULAR GENETICS*
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2012; 21 (21): 4781-4792
- **Genetic Heritability and Shared Environmental Factors Among Twin Pairs With Autism** *ARCHIVES OF GENERAL PSYCHIATRY*
Hallmayer, J., Cleveland, S., Torres, A., Phillips, J., Cohen, B., Torigoe, T., Miller, J., Fedele, A., Collins, J., Smith, K., Lotspeich, L., Croen, L. A., Ozonoff, et al
2011; 68 (11): 1095-1102
- **Similar White Matter Aberrations in Children With Autism and Their Unaffected Siblings A Diffusion Tensor Imaging Study Using Tract-Based Spatial Statistics** *ARCHIVES OF GENERAL PSYCHIATRY*
Barnea-Goraly, N., Lotspeich, L. J., Reiss, A. L.
2010; 67 (10): 1052-1060
- **Twins with KBG Syndrome and Autism** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Hah, M., Lotspeich, L. J., Phillips, J. M., Torres, A. D., Cleveland, S. C., Hallmayer, J. F.
2009; 39 (12): 1744-1746
- **Brief report: Effect of maternal age on severity of autism** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Baxter, A. C., Lotspeich, L. J., Spiker, D., Martin, J. L., Grether, J. K., Hallmayer, J. F.
2007; 37 (5): 976-982
- **Mapping autism risk loci using genetic linkage and chromosomal rearrangements** *NATURE GENETICS*
Szatmari, P., Paterson, A. D., Zwaigenbaum, L., Roberts, W., Brian, J., Liu, X., Vincent, J. B., Skaug, J. L., Thompson, A. P., Senman, L., Feuk, L., Qian, C., Bryson, et al
2007; 39 (3): 319-328
- **Voxel-based morphometry elucidates structural neuroanatomy of high-functioning autism and Asperger syndrome** *DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY*
Kwon, H., Ow, A. W., Pedatella, K. E., Lotspeich, L. J., Reiss, A. L.
2004; 46 (11): 760-764
- **The amygdala is enlarged in children but not adolescents with autism; The hippocampus is enlarged at all ages** *JOURNAL OF NEUROSCIENCE*
Schumann, C. M., Hamstra, J., Goodlin-Jones, B. L., Lotspeich, L. J., Kwon, H., Buonocore, M. H., Lammers, C. R., Reiss, A. L., Amaral, D. G.
2004; 24 (28): 6392-6401
- **Lack of evidence for an association between WNT2 and RELN polymorphisms and autism** *AMERICAN JOURNAL OF MEDICAL GENETICS PART B- NEUROPSYCHIATRIC GENETICS*
Li, J., Nguyen, L., Gleason, C., Lotspeich, L., Spiker, D., Risch, N., Myers, R. M.
2004; 126B (1): 51-57
- **Emotional attribution in high-functioning individuals with autistic spectrum disorder: A functional imaging study** *JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY*
Piggot, J., Kwon, H., Mobbs, D., Blasey, C., Lotspeich, L., Menon, V., Bookheimer, S., Reiss, A. L.
2004; 43 (4): 473-480
- **Investigation of neuroanatomical differences between autism and Asperger syndrome** *ARCHIVES OF GENERAL PSYCHIATRY*
Lotspeich, L., Kwon, H., Schumann, C. M., Fryer, S. L., Goodlin-Jones, B. L., Buonocore, M. H., Lammers, C. R., AMARAL, D. G., Reiss, A. L.
2004; 61 (3): 291-298
- **White matter structure in autism: Preliminary evidence from diffusion tensor imaging** *BIOLOGICAL PSYCHIATRY*
Barnea-Goraly, N., Kwon, H., Menon, V., Eliez, S., Lotspeich, L., Reiss, A. L.
2004; 55 (3): 323-326
- **Behavioral phenotypic variation in autism multiplex families: Evidence for a continuous severity gradient** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Spiker, D., Lotspeich, L. J., DiMiceli, S., Myers, R. M., Risch, N.
2002; 114 (2): 129-136
- **Lack of association between HoxA1 and HoxB1 gene variants and autism in 110 multiplex families** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Li, J., Tabor, H. K., Nguyen, L., Gleason, C., Lotspeich, L. J., Spiker, D., Myers, R. M.

2002; 114 (1): 24-30

- **Birth order effects on nonverbal IQ scores in autism multiplex families** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Spiker, D., Lotspeich, L. J., DiMiceli, S., Szatmari, P., Myers, R. M., Risch, N.
2001; 31 (5): 449-460
- **Lack of association between HoxA1, HoxB1, Reelin and WNT-2 gene variants and autism in 110 multiplex families.**
Li, J., Tabor, H. K., Nguyen, L., Gleason, C., Lotspeich, L. J., Spiker, D., Risch, N., Myers, R. M.
CELL PRESS.2001: 576-76
- **Absence of linkage and linkage disequilibrium to chromosome 15q11-q13 markers in 139 multiplex families with autism** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Salmon, B., Hallmayer, J., Rogers, T., Kalaydjieva, L., Petersen, P. B., Nicholas, P., Pingree, C., McMahon, W., Spiker, D., Lotspeich, L., Kraemer, H., McCague, P., DiMiceli, et al
1999; 88 (5): 551-556
- **A genomic screen of autism: Evidence for a multilocus etiology** *AMERICAN JOURNAL OF HUMAN GENETICS*
Risch, N., Spiker, D., Lotspeich, L., Nouri, N., Hinds, D., Hallmayer, J., Kalaydjieva, L., McCague, P., DiMiceli, S., Pitts, T., Nguyen, L., Yang, J., Harper, et al
1999; 65 (2): 493-507
- **Exclusion of linkage to the HLA region in ninety multiplex sibships with autism** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Rogers, T., Kalaydjieva, L., Hallmayer, J., Petersen, P. B., Nicholas, P., Pingree, C., McMahon, W. M., Spiker, D., Lotspeich, L., Kraemer, H., McCague, P., DiMiceli, S., Nouri, et al
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- **Autism and the X chromosome - Multipoint sib-pair analysis** *ARCHIVES OF GENERAL PSYCHIATRY*
Hallmayer, J., Hebert, J. M., Spiker, D., Lotspeich, L., McMahon, W. M., Petersen, P. B., Nicholas, P., Pingree, C., Lin, A. A., CAVALLISFORZA, L. L., Risch, N., CIARANELLO, R. D.
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- **Male-to-male transmission in extended pedigrees with multiple cases of autism** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Hallmayer, J., Spiker, D., Lotspeich, L., McMahon, W. M., Petersen, P. B., Nicholas, P., Pingree, C., CIARANELLO, R. D.
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- **Molecular analysis and test of linkage between the FMR-1 gene and infantile autism in multiplex families.** *American journal of human genetics*
Hallmayer, J., Pintado, E., Lotspeich, L., Spiker, D., McMahon, W., Petersen, P. B., Nicholas, P., Pingree, C., Kraemer, H. C., Wong, D. L.
1994; 55 (5): 951-959
- **GENETICS OF AUTISM - CHARACTERISTICS OF AFFECTED AND UNAFFECTED CHILDREN FROM 37 MULTIPLEX FAMILIES** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Spiker, D., Lotspeich, L., Kraemer, H. C., Hallmayer, J., McMahon, W., Petersen, P. B., Nicholas, P., Pingree, C., WIESESLATER, S., Chiotti, C., Wong, D. L., DIMICELLI, S., Ritvo, et al
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- **A LINKAGE STUDY OF AUTISM**
Hallmayer, J., Underhill, P., Spiker, D., Lotspeich, L., Kraemer, H. C., McMahon, W. M., Petersen, B., Nicholas, P., Pingree, C., Wong, D., CIARANELLO, R. D., CAVALLISFORZA, L. L.
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- **Individuals with Autism Spectrum Disorders Have Equal Success Rate But Require Longer Periods of Systematic Desensitization than Control Patients to Complete Ambulatory Polysomnography** *JOURNAL OF CLINICAL SLEEP MEDICINE*
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- **Individuals with Autism Spectrum Disorders Have Equal Success Rate But Require Longer Periods of Systematic Desensitization than Control Patients to Complete Ambulatory Polysomnography.** *Journal of clinical sleep medicine*
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2015; 12 (3): 357-362
- **MOLECULAR ANALYSIS AND TEST OF LINKAGE BETWEEN THE FMR-I GENE AND INFANTILE-AUTISM IN MULTIPLEX FAMILIES** *AMERICAN JOURNAL OF HUMAN GENETICS*

Hallmayer, J., Pintado, E., Lotspeich, L., Spiker, D., McMahon, W., Petersen, P. B., Nicholas, P., Pingree, C., Kraemer, H. C., Wong, D. L., Ritvo, E., Lin, A., Hebert, et al
1994; 55 (5): 951-959