

Stanford



David S. Hong

Assistant Professor of Psychiatry and Behavioral Sciences (Interdisciplinary Brain Science Research) at the Stanford University Medical Center

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CLINICAL OFFICES

- **Psychiatry and Behavioral Sciences**

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Bio

CLINICAL FOCUS

- Child and Adolescent Psychiatry

ACADEMIC APPOINTMENTS

- Assistant Professor - Med Center Line, Psychiatry and Behavioral Sciences - Center for Interdisciplinary Brain Sciences Research
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

PROFESSIONAL EDUCATION

- Medical Education: Albert Einstein College of Medicine Office of the Registrar (2004) NY
- Fellowship: Stanford University - Dept of Psychiatry (2010) CA
- Board Certification: Child and Adolescent Psychiatry, American Board of Psychiatry and Neurology (2011)
- Board Certification: Psychiatry, American Board of Psychiatry and Neurology (2009)
- Residency: Stanford University - Dept of Psychiatry (2007) CA

Teaching

COURSES

2017-18

- Methodology of Research in Behavioral Sciences: PSYC 250 (Win)

2016-17

- Methodology of Research in Behavioral Sciences: PSYC 250 (Win)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Iliana Karipidis

Postdoctoral Research Mentor

Tracy Jordan

Publications

PUBLICATIONS

- **Integrated functional genomic analyses of Klinefelter and Turner syndromes reveal global network effects of altered X chromosome dosage.** *Proceedings of the National Academy of Sciences of the United States of America*
Zhang, X., Hong, D., Ma, S., Ward, T., Ho, M., Pattni, R., Duren, Z., Stankov, A., Bade Shrestha, S., Hallmayer, J., Wong, W. H., Reiss, A. L., Urban, et al
2020
- **Specific learning disorders in sex chromosome aneuploidies: Neural circuits of literacy and mathematics.** *American journal of medical genetics. Part C, Seminars in medical genetics*
Karipidis, I. I., Hong, D. S.
2020
- **Dyslexia in Pediatrics: Simple Practices to Tackle a Complex Issue.** *Pediatrics*
Karipidis, I. I., Hong, D. S.
2020
- **Brain Development in School-Age and Adolescent Girls: Effects of Turner Syndrome, Estrogen Therapy, and Genomic Imprinting.** *Biological psychiatry*
O'Donoghue, S., Green, T., Ross, J. L., Hallmayer, J., Lin, X., Jo, B., Huffman, L. C., Hong, D. S., Reiss, A. L.
2019
- **Neuroanatomical abnormalities in fragile X syndrome during the adolescent and young adult years.** *Journal of psychiatric research*
Sandoval, G. M., Shim, S., Hong, D. S., Garrett, A. S., Quintin, E., Marzelli, M. J., Patnaik, S., Lightbody, A. A., Reiss, A. L.
2018; 107: 138–44
- **"Communities" of Conditions: Novel Methods for Classifying Psychiatric Disorders.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hong, D. S.
2018; 57 (4): 233–34
- **Here/In This Issue and There/Abstract Thinking: The Growing, and Changing, Landscape of Child and Adolescent Mental Healthcare Delivery.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hong, D. S.
2017; 56 (9): 719–20
- **Linking ADHD to the Neural Circuitry of Attention** *TRENDS IN COGNITIVE SCIENCES*
Mueller, A., Hong, D. S., Shepard, S., Moore, T.
2017; 21 (6): 474-488
- **Here/In This Issue and There/Abstract Thinking: The First Year: Incorporating Maternal Mental Health Into Child Psychiatric Practice.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hong, D. S.
2017; 56 (3): 183-184
- **Multi-Table Differential Correlation Analysis of Neuroanatomical and Cognitive Interactions in Turner Syndrome.** *Neuroinformatics*
Seiler, C., Green, T., Hong, D., Chromik, L., Huffman, L., Holmes, S., Reiss, A. L.
2017
- **X-Chromosome Effects on Attention Networks: Insights from Imaging Resting-State Networks in Turner Syndrome.** *Cerebral cortex (New York, N.Y. : 1991)*
Green, T., Saggar, M., Ishak, A., Hong, D. S., Reiss, A. L.

2017: 1–8

- **Here/In This Issue and There/Abstract Thinking: The Data Revolution Has Arrived, but Are We Ready? A Call to Action for Child Psychiatry.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hong, D. S.
2016; 55 (9): 741-742
- **Sex differences in amygdala shape: Insights from Turner syndrome.** *Human brain mapping*
Green, T., Fierro, K. C., Raman, M. M., Foland-Ross, L., Hong, D. S., Reiss, A. L.
2016; 37 (4): 1593-1601
- **Here/In This Issue and There/Abstract Thinking: Wielding Weapons: The Intersection Between Firearms and Child Psychiatry.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hong, D. S.
2016; 55 (3): 153-154
- **Here/In This Issue and There/Abstract Thinking: The Secret Lives of Adolescents: Are We Asking the Right Questions?** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hong, D. S.
2015; 54 (9): 697-698
- **Elucidating X chromosome influences on Attention Deficit Hyperactivity Disorder and executive function.** *Journal of psychiatric research*
Green, T., Bade Shrestha, S., Chromik, L. C., Rutledge, K., Pennington, B. F., Hong, D. S., Reiss, A. L.
2015; 68: 217-225
- **Proceedings from the Turner Resource Network symposium: the crossroads of health care research and health care delivery.** *American journal of medical genetics. Part A*
Backeljauw, P. F., Bondy, C., Chernausek, S. D., Cernich, J. T., Cole, D. A., Fasciano, L. P., Foodim, J., Hawley, S., Hong, D. S., Knickmeyer, R. C., Kruszka, P., Lin, A. E., Lippe, et al
2015; 167A (9): 1962-1971
- **Proceedings From the Turner Resource Network Symposium: The Crossroads of Health Care Research and Health Care Delivery** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
Backeljauw, P. F., Bondy, C., Chernausek, S. D., Cernich, J. T., Cole, D. A., Fasciano, L. P., Foodim, J., Hawley, S., Hong, D. S., Knickmeyer, R. C., Kruszka, P., Lin, A. E., Lippe, et al
2015; 167 (9): 1962-1971
- **Here/In This Issue and There/Abstract Thinking: The Art (and Science) of Psychotherapy.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hong, D. S.
2015; 54 (3): 157-158
- **Aberrant parietal cortex developmental trajectories in girls with Turner syndrome and related visual-spatial cognitive development: a preliminary study.** *American journal of medical genetics. Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics*
Green, T., Chromik, L. C., Mazaika, P. K., Fierro, K., Raman, M. M., Lazzeroni, L. C., Hong, D. S., Reiss, A. L.
2014; 165B (6): 531-540
- **Here/In This Issue and There/Abstract Thinking: Learning Disorders and ADHD: Are LDs Getting the Attention They Deserve?** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hong, D. S.
2014; 53 (9): 933-934
- **Influence of the x-chromosome on neuroanatomy: evidence from turner and klinefelter syndromes.** *journal of neuroscience*
Hong, D. S., Hoeft, F., Marzelli, M. J., Lepage, J., Roeltgen, D., Ross, J., Reiss, A. L.
2014; 34 (10): 3509-3516
- **Aberrant neurocognitive processing of fear in young girls with Turner syndrome** *SOCIAL COGNITIVE AND AFFECTIVE NEUROSCIENCE*
Hong, D. S., Bray, S., Haas, B. W., Hoeft, F., Reiss, A. L.
2014; 9 (3): 255-264
- **Cognitive and neurological aspects of sex chromosome aneuploidies** *LANCET NEUROLOGY*
Hong, D. S., Reiss, A. L.

2014; 13 (3): 306-318

- **Here/In this issue and there/abstract thinking: personalized psychiatry: are we almost there?** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hong, D. S.
2014; 53 (3): 263-264
- **Brain morphology in children with 47, XYY syndrome: a voxel- and surface-based morphometric study.** *Genes, brain, and behavior*
LePage, J., Hong, D. S., Raman, M., Marzelli, M., Roeltgen, D. P., Lai, S., Ross, J., Reiss, A. L.
2014; 13 (2): 127-134
- **Aberrant Functional Network Recruitment of Posterior Parietal Cortex in Turner Syndrome** *HUMAN BRAIN MAPPING*
Bray, S., Hoeft, F., Hong, D. S., Reiss, A. L.
2013; 34 (12): 3117-3128
- **Here/In this issue and there/abstract thinking: adolescence to adulthood: are some children falling into the gap?** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hong, D. S.
2013; 52 (9): 885-886
- **Cortical Brain Morphology in Young, Estrogen-Naive, and Adolescent, Estrogen-Treated Girls with Turner Syndrome** *CEREBRAL CORTEX*
Lepage, J., Mazaika, P. K., Hong, D. S., Raman, M., Reiss, A. L.
2013; 23 (9): 2159-2168
- **Genomic imprinting effects of the x chromosome on brain morphology.** *journal of neuroscience*
Lepage, J., Hong, D. S., Mazaika, P. K., Raman, M., Sheau, K., Marzelli, M. J., Hallmayer, J., Reiss, A. L.
2013; 33 (19): 8567-8574
- **Impact of cognitive profile on social functioning in prepubescent females with Turner syndrome** *CHILD NEUROPSYCHOLOGY*
Lepage, J., Dunkin, B., Hong, D. S., Reiss, A. L.
2013; 19 (2): 161-172
- **White Matter Aberrations in Prepubertal Estrogen-Naive Girls with Monosomic Turner Syndrome** *CEREBRAL CORTEX*
Yamagata, B., Barnea-Goraly, N., Marzelli, M. J., Park, Y., Hong, D. S., Mimura, M., Reiss, A. L.
2012; 22 (12): 2761-2768
- **Cognition and behavior in Turner syndrome: a brief review.** *Pediatric endocrinology reviews : PER*
Hong, D. S., Reiss, A. L.
2012; 9: 710-712
- **Genomic Imprinting Effects on Cognitive and Social Abilities in Prepubertal Girls with Turner Syndrome** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Lepage, J., Hong, D. S., Hallmayer, J., Reiss, A. L.
2012; 97 (3): E460-E464
- **Cortical Brain Morphology in Young, Estrogen-Naive, and Adolescent, Estrogen-Treated Girls with Turner Syndrome.** *Cerebral cortex (New York, N.Y. : 1991)*
Lepage, J. F., Mazaika, P. K., Hong, D. S., Raman, M., Reiss, A. L.
2012
- **Contribution of Executive Functions to Visuospatial Difficulties in Prepubertal Girls With Turner Syndrome** *DEVELOPMENTAL NEUROPSYCHOLOGY*
Lepage, J., Dunkin, B., Hong, D. S., Reiss, A. L.
2011; 36 (8): 988-1002
- **Reduced Functional Connectivity during Working Memory in Turner Syndrome** *CEREBRAL CORTEX*
Bray, S., Dunkin, B., Hong, D. S., Reiss, A. L.
2011; 21 (11): 2471-2481
- **Psychosocial Functioning and Social Cognitive Processing in Girls with Turner Syndrome** *JOURNAL OF DEVELOPMENTAL AND BEHAVIORAL PEDIATRICS*
Hong, D. S., Dunkin, B., Reiss, A. L.

2011; 32 (7): 512-520

● **Neuroanatomical spatial patterns in Turner syndrome** *NEUROIMAGE*

Marzelli, M. J., Hoeft, F., Hong, D. S., Reiss, A. L.

2011; 55 (2): 439-447

● **COGNITIVE PROFILE OF TURNER SYNDROME** *DEVELOPMENTAL DISABILITIES RESEARCH REVIEWS*

Hong, D., Kent, J. S., Kesler, S.

2009; 15 (4): 270-278

● **Posttraumatic stress disorder following traumatic injury: Narratives as unconscious indicators of psychopathology** *BULLETIN OF THE MENNINGER CLINIC*

Hashemi, B., Shaw, R. J., Hong, D. S., Hall, R., Nelson, K., Steiner, H.

2008; 72 (3): 179-190

● **EOSINOPHILIC MENINGOENCEPHALITIS: PSYCHIATRIC PRESENTATION AND TREATMENT** *INTERNATIONAL JOURNAL OF PSYCHIATRY IN MEDICINE*

Hong, D. S., Bernstein, M., Smith, C., Gans, H., Shaw, R. J.

2008; 38 (3): 287-295