

David R. Hessl, Ph.D.

Journal Articles

- 2007 McConkie-Rosell, A., Abrams, L., Finucane, B., Cronister, A., Gane, L.W., Coffey, S.M., Sherman, S., Nelson, L.M., Berry-Kravis, E., **Hessl, D.**, Chiu, S., Street, N., Vatave, A., & Hagerman, R.J. Recommendations from multi-disciplinary focus groups on cascade testing and genetic counseling for Fragile X associated disorders. *Journal of Genetic Counseling* 16(5), 593-606.
- 2007 Bourgeois, J.A., Cogswell, J.B., **Hessl, D.**, Zhang, L., Ono, M.Y., Tassone, F., Farzin, F. & Hagerman, R.J. Cognitive, anxiety and mood disorders in the fragile X-associated tremor/ataxia syndrome. *General Hospital Psychiatry* 29(4), 349-356.
- 2008 García-Nonell, C., Ratera, E.R., Harris, S., **Hessl, D.**, Ono, M., Tartaglia, N., Marvin, E., Tassone, F., & Hagerman, R.J. Secondary medical diagnosis in fragile X syndrome with and without autism spectrum disorder. *American Journal of Medical Genetics* 146A(15), 1911-1916.
- 2008 Koldewyn, K., **Hessl, D.**, Adams, J., Tassone, F., Hagerman, R.J., Hagerman, P.J., & Rivera, S. Reduced hippocampal activation during recall is associated with elevated *FMR1* mRNA and psychiatric symptoms in men with the fragile X premutation. *Brain Imaging and Behavior* 2, 105-116.
- 2008 Brega A.G., Goodrich G., Bennett R.E., **Hessl D.**, Engle K., Leehey M.A., Bounds L.S., Paulich M.J., Hagerman R.J., Hagerman P.J., Cogswell J.B., Tassone F., Reynolds A., Kooken R., Kenny M., & Grigsby J. The primary cognitive deficit among males with fragile X-associated tremor/ataxia syndrome (FXTAS) is a dysexecutive syndrome. *Journal of Clinical and Experimental Neuropsychology* 15, 1-17.
- 2008 Soontarapornchai, K., Maselli, R., Fenton-Ferrell, G., Tassone, F., Hagerman, P.J., **Hessl, D.**, & Hagerman, R.J. Abnormal nerve conduction features in fragile X premutation carriers. *Archives of Neurology* 65(4), 469-498.
- 2008 Grigsby, J., Brega, A.G., Engle, K., Leehey, M.A., Hagerman, R.J., Tassone, F., **Hessl, D.**, Hagerman, P.J., Cogswell, J.B., Bennett, R.E., Cook, K., Hall, D.A., Bounds, L.S., Paulich, M.J. & Reynolds, A. Cognitive profile of fragile X premutation carriers with and without fragile X-associated tremor/ataxia syndrome. *Neuropsychology* 22(1), 48-60.

Abstracts and Presentations

- 2007 **Hessl, D.** Commonalities in psychophysiological dysfunction in fragile X and autism. 10th International Meeting of the Society for the Study of Behavioural Phenotypes, Sacramento, CA.
- 2007 Rivera, S.M., **Hessl, D.**, Koldewyn, K., Tassone, F., & Hagerman, R.J. Brain-based evidence of limbic system dysfunction in fragile X premutation carriers. Presented at the 13th International Workshop on Fragile X and X-Linked Mental Retardation, Venice, Italy.

- 2007 **Hessl, D.**, Tassone, F., Campbell, A., Cordeiro, L., Yuhas, J., Ornitz, E., & Hagerman, R.J. Prepulse inhibition in fragile X syndrome and FXTAS. Presented at the 13th International Workshop on Fragile X and X-Linked Mental Retardation, Venice, Italy.
- 2007 Hagerman, R.J., Soontarapornchai, K., Maselli, R., Fenton-Farell, G., Tassone, F., **Hessl, D.**, & Hagerman, P.J. Characterization of the neuropathy in the fragile X-associated tremor/ataxia syndrome (FXTAS). Presented at the 13th International Workshop on Fragile X and X-Linked Mental Retardation, Venice, Italy.
- 2008 Farzin, F., Rivera, S.M., Weru, J., & **Hessl, D.** Face processing in individuals with fragile X syndrome: An eye-tracking study. Presented at the 11th International Fragile X Conference, St. Louis, Missouri.
- 2008 Adams, P.E., Adams, J.S., Nguyen, D., **Hessl, D.**, Brunburg, J.A., Tassone, F., Zhang, L., DeCarli, C., Hagerman, P.J., & Hagerman, R.J. Psychiatric problems in female fragile X premutation carriers, with involvement of the hippocampus. Presented at the 11th International Fragile X Conference, St. Louis, Missouri.
- 2008 Chavez, A., Schneider, A., Green, C., Nguyen, D., Loesch, D., Gould, E., & **Hessl, D.** Limitations of the standard IQ score in fragile X syndrome: A proposed solution using an individual deviation score. Presented at the 11th International Fragile X Conference, St. Louis, Missouri.
- 2008 **Hessl, D.**, Schneider, A., Cordeiro, L., Tassone, F., Rivera, S., Nguyen, D., Gane, L., & Hagerman, R.J. Genetic and brain correlates of psychiatric and cognitive functioning in men with the fragile X premutation. Presented at the 11th International Fragile X Conference, St. Louis, Missouri.
- 2008 Schneider, A., **Hessl, D.**, Tassone, F., Yuhas, J., Le, L., Chavez, A., Gane, L., & Hagerman, R.J. Two faces of the fragile-X premutation – clinical correlates of CGG repeat size and methylation. Presented at the 11th International Fragile X Conference, St. Louis, Missouri.