

FARAZ FARZIN

Graduate Student
Center for Mind and Brain
Department of Psychology
University of California, Davis

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EDUCATION

- Ph.D. Developmental Psychology, University of California, Davis, Expected 2009
Co-Advisors: Drs. Susan M. Rivera and David Whitney
- M.A. Developmental Psychology, University of California, Davis, 2006
- B.S. Genetics, University of California, Davis, 2001

RESEARCH EXPERIENCE

- 2004- Graduate Student Researcher, Department of Psychology, UC Davis
- 2003-2004 Post-Graduate Researcher and National Fragile X Foundation Research Fellow,
M.I.N.D. Institute, University of California, Davis, Dr. Randi Hagerman
- 2001-2003 Staff Research Associate II, University of California, San Francisco,
Department of Biochemistry and Biophysics, Dr. Barbara Panning
- 2000-2001 Advanced Undergraduate Research Assistant, University of California, Davis,
Center for Neuroscience, Dr. W.M. Usrey
- 2000-2001 Research Assistant, University of California, Davis,
Center for Neuroscience, Dr. Kim McAllister

TEACHING EXPERIENCE

Guest Lectures

- 2009 Developmental Psychology (PSC 148; Rivera)
Topic: Visual Disorders
- 2007 Developmental Psychology (PSC 140; Bamford)
Topic: Developmental Disorders
- Developmental Psychology (PSC 140; Sayfan)
Topic: Developmental Disorders
- Developmental Disorders (PSC 148; Rivera)
Topic: Visual Disorders

Topic: Mental Retardation

Teaching Assistantships

Summer 2007 Developmental Psychology (PSC140; Bamford)
Winter 2007 Developmental Disorders (PSC 148; Rivera)
Spring 2007 Developmental Disorders (PSC 148; Rivera)

DEPARTMENTAL SERVICE

Developmental Area Graduate Student Representative, 2005-2007, 2008-2009
Student Coordinator, Developmental Psychology Brown Bag Seminar Series, 2005-2007

FELLOWSHIPS AND AWARDS

NIH Ruth L. Kirschstein National Research Service Award (1F31MH083386), 2008-2011
Society for the Study of Behavioural Phenotypes Poster Award, 2007
Les Fountain Travel Bursary, Society for the Study of Behavioural Phenotypes, UK, 2007
Consortium for Women and Research Travel Award, UC Davis, 2007
Work-Study Award, UC Davis, 2007
Block Grant Fellowship, UC Davis, 2005; 2006; 2008
Western Society for Pediatric Research Travel Award, 2005
Co-recipient of Hagerman Research Award, National Fragile X Foundation, 2004

PROFESSIONAL ORGANIZATIONS

International Society on Infant Studies
Society for Research in Child Development
Vision Sciences Society
Society for the Study of Behavioural Phenotypes (UK)

PUBLICATIONS

Farzin, F., Rivera, S.M. (under review). Dynamic object representations in infants with and without fragile X syndrome.

Farzin, F., Rivera, S.M., Whitney, D. (under review). Spatial resolution of conscious visual perception in infants.

Farzin, F., Charles, E.P., Rivera, S.M. (2009). Development of multimodal numerical processing in infants. *Infancy* 15(4): 563-578.

Farzin, F., Rivera, S.M., & Whitney, D. (2009). Holistic crowding of Mooney faces. *Journal of Vision* 9(6):18: 1-15, <http://journalofvision.org/9/6/18/>, doi:10.1167/9.6.18.

Farzin, F., Rivera, S.M., Hessler, D. (2009). Visual processing of faces in individuals with fragile X syndrome: An eye tracking study. *Journal of Autism and Developmental Disorders* 39(6):946-952.

Farzin, F., Whitney, D., Hagerman, R.J., Rivera, S.M. (2008). Contrast detection in infants with fragile X syndrome. *Vision Research* 48(13): 1471-1478.

Ono, M.Y., **Farzin, F.**, Hagerman, R.J. (2008). Fragile X Syndrome. In M. M. Haith and J. B. Benson (Eds.), *Encyclopedia of Infant and Early Childhood Development*. San Diego, CA: Elsevier.

Bourgeois, J.A., Cogswell, J.B., Hessler, D., Zhang, L., Ono, M.Y., Tassone, F., **Farzin, F.**, Brunberg, J.A., Grigsby, J., Hagerman, R.J. (2007). Cognitive, anxiety and mood disorders in the fragile X-associated tremor/ataxia syndrome. *General Hospital Psychiatry* 29(4): 349-356.

Bourgeois, J.A., **Farzin, F.**, Brunberg, J.A., Tassone, F., Hagerman, P.J., Hagerman, R.J. (2006). Dementia with mood symptoms in a carrier of the Fragile X-Associated Tremor/Ataxia Syndrome (FXTAS): Clinical intervention with donepezil and venlafaxine. *Journal of Neuropsychiatry and Clinical Neurosciences* 18(2): 171-177.

Farzin, F., Perry, H., Hessler, D., Loesch, D.Z., Cohen, J., Bacalman, S., Gane, L.W., Tassone, F., Hagerman, P.J., Hagerman, R.J. (2006) Autism spectrum disorders and attention deficit/hyperactivity disorder in boys with the fragile X premutation. *Journal of Developmental and Behavioral Pediatrics* 27(2 Suppl): S137-44.

Bacalman, S., **Farzin, F.**, Bourgeois, J.A., Cogswell, J., Goodlin-Jones, B., Gane, L., Grigsby, J., Leehey, M., Tassone, F., Hagerman, R.J. (2006). Psychiatric phenotype of the Fragile X-Associated Tremor/Ataxia Syndrome (FXTAS): The Neuropsychiatric Inventory. *Journal of Clinical Psychiatry* 67(1): 87-94.

Farzin, F. (2005). Fragile X Syndrome. In N. J. Salkind (Ed.) *Encyclopedia of Human Development*. Thousand Oaks, CA: Sage Publications, Inc.

Hagerman, R.J., Leavitt, B.R., **Farzin, F.**, Jacquemont, S., Greco, C., Brunberg, J., Tassone, F., Hessler, D., Harris, S.W., Zhang, L., Jardini, T., Gane, L.W., Ferranti, J., Grigsby, J., Leehey, M., Hagerman, P.J. (2004). Fragile X Associated Tremor/Ataxia Syndrome (FXTAS) in females with the FMR1 premutation. *American Journal of Human Genetics* 74(5): 1051-1056.

Jacquemont, S., **Farzin, F.**, Hall, D., Leehey, M., Tassone, F., Gane, L., Zhang, L., Grigsby, J., Jardini, T., Lewin, F., Berry-Kravis, E., Hagerman, P.J., Hagerman, R.J. (2004) Aging in individuals with the FMR1 mutation. *American Journal on Mental Retardation* 109(2): 154-164.

PRESENTATIONS

Talks

Farzin, F. (2009). Spatial resolution of visual perception in 6- to 15-month-old infants. *Frontiers in Human Neuroscience. Conference Abstract: Conference on Neurocognitive Development*. doi: 10.3389/conf.neuro.09.2009.10.004.

Farzin, F., Whitney, D., Rivera, S.M. (2008, July). Low-level visual processing in infants with FXS. Presented at the 11th International Fragile X Conference, St. Louis, MI.

Rivera, S.M., Farzin, F. (2008, July). High-level cortical visual processing in infants with fragile X. Presented at the 11th International Fragile X Conference, St. Louis, MI.

Farzin, F., Rivera, S.M., Weru, J., Hessler, D. (2008, July). Face processing in individuals with fragile X syndrome: An eye tracking study. Presented at the 11th International Fragile X Conference, St. Louis, MI.

Farzin, F., Rivera, S.M. (2007, October). Object representation and tracking in infants with fragile X syndrome, *Journal of Intellectual Disability Research*, 51(9). Presented at the 10th International Society for the Study of Behavioural Phenotypes Meeting, Lake Tahoe, CA.

Farzin, F., Mastergeorge, A.M., Kirkham, N., Hagerman, R.J., Rivera, S.M. (2006, July). Information processing in infants with fragile X syndrome. Presented at the 10th International Fragile X Conference, Atlanta, GA.

Mastergeorge, A.M., Rivera, S.M., Farzin, F., Hagerman, R.J. (2006, July). Developmental trajectories of social communication patterns in infants with fragile X syndrome. Presented at the 10th International Fragile X Conference, Atlanta, GA.

Farzin, F., Perry, H., Hessler, D., Loesch, D.Z., Cohen, J., Gane, L.W., Kradin, M., Hagerman, R.J. (2005). Behavioral phenotype of the fragile X premutation in childhood. *Journal of Investigative Medicine*, 53, (1)(93). Presented at the Western Society for Pediatric Research, Carmel, CA.

Farzin, F., Perry, H., Hessler, D., Loesch, D.Z., Cohen, J., Gane, L.W., Kradin, M., Hagerman, R.J. (2004, October). Behavioral phenotype of the fragile X premutation in childhood. Presented at the 54th American Society of Human Genetics Annual Meeting, Toronto, Canada.

Bacalman, S., Farzin, F., Hessler, D., Cogswell, J., Goodlin-Jones, B., Hagerman, R.J. (2004, July). Neuropsychiatric disturbances associated with Fragile X-Associated Tremor/Ataxia Syndrome. Presented at the 9th International Fragile X Conference, Washington, DC.

Farzin, F., Perry, H., Hessler, D., Loesch, D.Z., Cohen, J., Gane, L.W., Kradin, M., Hagerman, R.J. (2004, July). Behavioral phenotype of the fragile X premutation in childhood. Presented at the 9th International Fragile X Conference, Washington, DC.

Posters

Farzin, F., Rivera, S.M., Sakai, S.M., Whitney, D. (May, 2009). Temporal limit of phase discrimination in infants. *Journal of Vision*. Presented at the Annual Vision Sciences Society Meeting, Naples, FL.

Farzin, F., Whitney, D., Rivera, S.M. (April, 2009). Spatiotemporal Contrast Sensitivity in 6- to 15-Month-Old Infants. Presented at the Biennial Society for Research in Child Development Meeting, Denver, CO.

Hendrickson, K.I., Farzin, F., Hagerman, R.J., Rivera, S.M. (April, 2009). Changing developmental trajectories in young infants with fragile X syndrome. Presented at the Biennial Society for Research in Child Development Meeting, Denver, CO.

Puri, A.M., Farzin, F., Whitney, D. (March, 2009). Visual traffic jams: crowding of two-tone cars. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Farzin, F., Rivera, S.M., Whitney, D. (May, 2008). Holistic face processing in infants using Mooney faces. *Journal of Vision*, 8(6):195, 195a. Presented at the Annual Vision Sciences Society Meeting, Naples, FL.

Farzin, F., Rivera, S.M. (October, 2007). Object representation and tracking in infants with fragile X syndrome, *Journal of Intellectual Disability Research*, 51(9). Presented at the 10th International Society for the Study of Behavioural Phenotypes Meeting, Lake Tahoe, CA.

Farzin, F., Whitney, D., Hagerman, R., & Rivera, S. (May, 2007). Visual processing in infants with fragile X syndrome. *Journal of Vision*, 7(9):529, 529a. Presented at the Annual Vision Sciences Society Meeting, Sarasota, FL.

Farzin, F., Whitney, D., Hagerman, R.J., Rivera, S.M. (March, 2007). Visual development in infants with fragile X syndrome. Presented at the Biennial Meeting of the Society for Research in Child Development, Boston, MA.

Zawaydeh, A.N., Farzin, F., Rivera, S.M. (March, 2007). The effect of language on infants' object representation system: An investigation using eye-tracking methodology. Presented at the Biennial Meeting of the Society for Research in Child Development, Boston, MA.

Hagerman, R.J., Jacquemont, S., Tassone, F., Greco, C., Brunberg, J., Hessel, D., Harris, S., Zhang, L., Farzin, F., Jardini, T., Ruiz, L., Gane, L., Hagerman, P.J. (2003). Fragile X Associated Tremor/Ataxia Syndrome involvement in females. *Am J Hum Genetics*, 73(suppl)(5)A561:266. Presented at the 53rd American Society of Human Genetics Annual Meeting, Los Angeles, CA.