

Stanford



Scott S. Hall, Ph.D

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

Psychiatry and Behavioral Sciences - Center for Interdisciplinary Brain Sciences Research

CLINICAL OFFICES

- **Behavior Analysis Clinic**

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ACADEMIC CONTACT INFORMATION

- **Complex Behavior Disorders Clinic**

Complex Behavior Disorders Clinic in Pediatric Psychiatry

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Bio

BIO

My scholarly research over the past 25 years has focused on understanding autistic symptoms in children with neurogenetic disorders such as fragile X syndrome, Cornelia de Lange syndrome and Prader-Willi syndrome to determine how environmental and biological factors affect the development of these behaviors, toward the goal of creating patient-specific treatments. My investigations include extensive neuroimaging research (MRI, fMRI, DTI), state-of-the-art eye tracking, functional assessments of behavior under controlled experimental conditions, and novel behavioral and pharmacological interventions. I am extensively trained in behavioral assessment and interventions, and provide clinical evaluations and consultation as a doctoral-level Board Certified Behavior Analyst (BCBA-D).

CLINICAL FOCUS

- Behavior Analysis
- Psychology
- Complex Behavior Disorders

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- Editorial Board, Journal of Intellectual Disability Research, (2019- present)
- Editorial Board, American Journal on Intellectual Disabilities, (2018- present)

HONORS AND AWARDS

- Treatment of Disruptive Behaviors in Fragile X Syndrome, John Merck Fund Developmental Disabilities Translational Research Program (2016-2020)
- Effects of Social Gaze Training on Brain and Behavior in Fragile X Syndrome (R01), NICHD (2015-2020)
- Understanding Severe Disruptive Behaviors in Adolescents with Fragile X Syndrome (R21), NICHD (2013-2015)

- Neural Correlates of Skin Picking in Children with Prader-Willi Syndrome, Child Health Research Institute, Stanford University (2013-2014)
- Environmental, Physiological and Neural Correlates of Skin-Picking in Prader-Willi Syndrome, Foundation for Prader-Willi Research (2011-2012)
- Evaluating an Intensive Behavioral Intervention for Children with Fragile X Syndrome (K08), NIMH (2008-2013)
- Teaching Math and Money Skills to Children with Fragile X Syndrome, National Fragile X Foundation (2007-2009)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- BCBA-D, Behavior Analyst Certification Board (2002 - present)

PROFESSIONAL EDUCATION

- Board Certification: Psychology, Behavior Analyst Certification Board (2002)
- Fellowship: University of Birmingham, United Kingdom (2002) United Kingdom
- PhD Training: Institute of Psychiatry, King's College London (1997) England
- B.Sc., Goldsmiths' College, University of London, England , Psychology (1989)
- Ph.D., Institute of Psychiatry, King's College, University of London, England , Psychology (1997)
- Postdoctoral Fellowship, Department of Psychology, Arizona State University , Behavior Analysis (1999)
- Postdoctoral Fellowship, University of Birmingham, England , Neurogenetic Disorders (2000)

LINKS

- Center for Interdisciplinary Brain Sciences Research: <http://cibsr.stanford.edu>
- Translational Applied Behavior Analysis Laboratory (TABALAB): <http://med.stanford.edu/tabalab>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My primary area of scholarly and clinical interest is the pathogenesis of problem behaviors shown by individuals diagnosed with intellectual and developmental disabilities (IDD), particularly those with neurogenetic forms of IDD, such as fragile X syndrome, Cornelia de Lange syndrome and Prader-Willi syndrome. My work aims to both advance understanding of these disorders and to identify effective new treatment approaches for pediatric and adult patient populations by state-of-the-art methodologies, such as brain imaging, eye tracking and functional analysis to determine how environmental and biological factors affect the development of aberrant behaviors in these syndromes. The end goal of my research is to create patient-specific methods for treating the symptoms of these disorders.

CLINICAL TRIALS

- Effects of Social Gaze Training on Brain and Behavior in Fragile X Syndrome, Recruiting
- Treatment of Disruptive Behaviors in Fragile X Syndrome, Recruiting

Teaching

COURSES

2019-20

- Genes, Memes and Behavior: PSYC 54N (Aut, Spr, Sum)

2018-19

- Genes, Memes and Behavior: PSYC 54N (Aut, Sum)

2017-18

- Genes, Memes and Behavior: PSYC 54N (Aut, Sum)

2016-17

- Genes, Memes and Behavior: PSYC 54N (Aut, Sum)

Publications

PUBLICATIONS

- **Telehealth Delivery of Function-Based Behavioral Treatment for Problem Behaviors Exhibited by Boys with Fragile X Syndrome** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Monlux, K. D., Pollard, J. S., Rodriguez, A., Hall, S. S.
2019; 49 (6): 2461–75
- **Improving social gaze behavior in fragile X syndrome using a behavioral skills training approach: a proof of concept study** *JOURNAL OF NEURODEVELOPMENTAL DISORDERS*
Gannon, C. E., Britton, T. C., Wilkinson, E. H., Hall, S. S.
2018; 10: 25
- **A Screening Tool to Measure Eye Contact Avoidance in Boys with Fragile X Syndrome** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Hall, S. S., Venema, K. M.
2017; 47 (7): 2254–64
- **Updated report on tools to measure outcomes of clinical trials in fragile X syndrome** *JOURNAL OF NEURODEVELOPMENTAL DISORDERS*
Budimirovic, D. B., Berry-Kravis, E., Erickson, C. A., Hall, S. S., Hessl, D., Reiss, A. L., King, M. K., Abbeduto, L., Kaufmann, W. E.
2017; 9: 14
- **Optical-imaging-based neurofeedback to enhance therapeutic intervention in adolescents with autism: methodology and initial data.** *Neurophotonics*
Liu, N., Cliffer, S., Pradhan, A. H., Lightbody, A., Hall, S. S., Reiss, A. L.
2017; 4 (1): 011003-?
- **The cognitive developmental profile associated with fragile X syndrome: A longitudinal investigation of cognitive strengths and weaknesses through childhood and adolescence.** *Development and psychopathology*
Quintin, E., Jo, B., Hall, S. S., Bruno, J. L., Chromik, L. C., Raman, M. M., Lightbody, A. A., Martin, A., Reiss, A. L.
2016; 28 (4): 1457-1469
- **Problem behaviour in adolescent boys with fragile X syndrome: relative prevalence, frequency and severity.** *Journal of intellectual disability research*
Hall, S. S., BARNETT, R. P., Hustyi, K. M.
2016
- **The Role of Executive Function in Independent Living Skills in Female Adolescents and Young Adults With Fragile X Syndrome.** *American journal on intellectual and developmental disabilities*
Martin, A., Quintin, E., Hall, S. S., Reiss, A. L.
2016; 121 (5): 448-460
- **Profiles of aberrant white matter microstructure in fragile X syndrome.** *NeuroImage. Clinical*
Hall, S. S., Dougherty, R. F., Reiss, A. L.
2016; 11: 133-138
- **Neural Correlates of Self-Injurious Behavior in Prader-Willi Syndrome** *HUMAN BRAIN MAPPING*
Klabunde, M., Saggari, M., Hustyi, K. M., Hammond, J. L., Reiss, A. L., Hall, S. S.
2015; 36 (10): 4135-4143
- **Quantifying naturalistic social gaze in fragile X syndrome using a novel eye tracking paradigm.** *American journal of medical genetics. Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics*
Hall, S. S., Frank, M. C., Pusiol, G. T., Farzin, F., Lightbody, A. A., Reiss, A. L.
2015; 168 (7): 564-572
- **Examining the neural correlates of emergent equivalence relations in fragile X syndrome** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Klabunde, M., Saggari, M., Hustyi, K. M., Kelley, R. G., Reiss, A. L., Hall, S. S.
2015; 233 (3): 373-379
- **Specific effect of the fragile-X mental retardation-1 gene (FMR1) on white matter microstructure** *BRITISH JOURNAL OF PSYCHIATRY*
Green, T., Barnea-Goraly, N., Raman, M., Hall, S. S., Lightbody, A. A., Bruno, J. L., Quintin, E., Reiss, A. L.

2015; 207 (2): 143-148

- **The Relationship Between Autistic Symptomatology and Independent Living Skills in Adolescents and Young Adults with Fragile X Syndrome** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Hustyi, K. M., Hall, S. S., Quintin, E., Chromik, L. C., Lightbody, A. A., Reiss, A. L.
2015; 45 (6): 1836-1844
- **Longitudinal trajectories of aberrant behavior in fragile X syndrome.** *Research in developmental disabilities*
Hustyi, K. M., Hall, S. S., Jo, B., Lightbody, A. A., Reiss, A. L.
2014; 35 (11): 2691-2701
- **Experimental functional analysis of severe skin-picking behavior in Prader-Willi syndrome.** *Research in developmental disabilities*
Hall, S. S., Hustyi, K. M., Chui, C., Hammond, J. L.
2014; 35 (10): 2284-2292
- **Longitudinal profiles of adaptive behavior in fragile x syndrome.** *Pediatrics*
Klaiman, C., Quintin, E., Jo, B., Lightbody, A. A., Hazlett, H. C., Piven, J., Hall, S. S., Reiss, A. L.
2014; 134 (2): 315-324
- **Using discrete trial training to identify specific learning impairments in boys with fragile x syndrome.** *Journal of autism and developmental disorders*
Hall, S. S., Hustyi, K. M., Hammond, J. L., Hirt, M., Reiss, A. L.
2014; 44 (7): 1659-1670
- **High rates of comorbid depressive and anxiety disorders among women with premutation of the FMR1 gene.** *American journal of medical genetics. Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics*
Kenna, H. A., Tartter, M., Hall, S. S., Lightbody, A. A., Nguyen, Q., de los Angeles, C. P., Reiss, A. L., Rasgon, N. L.
2013; 162 (8): 872-878
- **Examining the Relationship Between Heart Rate and Problem Behavior: A Case Study of Severe Skin Picking in Prader-Willi Syndrome** *AJIDD-AMERICAN JOURNAL ON INTELLECTUAL AND DEVELOPMENTAL DISABILITIES*
Hall, S. S., Hammond, J. L., Hustyi, K. M.
2013; 118 (6): 460-474
- **Examining the relationship between heart rate and problem behavior: a case study of severe skin picking in Prader-Willi syndrome.** *American journal on intellectual and developmental disabilities*
Hall, S. S., Hammond, J. L., Hustyi, K. M.
2013; 118 (6): 460-474
- **Identifying large-scale brain networks in fragile x syndrome.** *JAMA psychiatry*
Hall, S. S., Jiang, H., Reiss, A. L., Greicius, M. D.
2013; 70 (11): 1215-1223
- **An analysis of the topography, severity, potential sources of reinforcement, and treatments utilized for skin picking in Prader-Willi syndrome** *RESEARCH IN DEVELOPMENTAL DISABILITIES*
Hustyi, K. M., Hammond, J. L., Rezvani, A. B., Hall, S. S.
2013; 34 (9): 2890-2899
- **Delineating the Profile of Autism Spectrum Disorder Characteristics in Cornelia de Lange and Fragile X Syndromes** *AJIDD-AMERICAN JOURNAL ON INTELLECTUAL AND DEVELOPMENTAL DISABILITIES*
Moss, J., Oliver, C., Nelson, L., Richards, C., Hall, S.
2013; 118 (1): 55-73
- **COGNITIVE TRAJECTORY IN MALES AND FEMALES WITH FRAGILE X SYNDROME** *20th Annual Meeting of the Cognitive-Neuroscience-Society*
Quintin, E., Hall, S., Jo, B., Bruno, J., Chromik, L., Raman, M., Lightbody, A., Reiss, A.
MIT PRESS.2013: 251–251
- **A 'learning platform' approach to outcome measurement in fragile X syndrome: a preliminary psychometric study** *JOURNAL OF INTELLECTUAL DISABILITY RESEARCH*
Hall, S. S., Hammond, J. L., Hirt, M., Reiss, A. L.
2012; 56 (10): 947-960

- **Psychometric Study of the Aberrant Behavior Checklist in Fragile X Syndrome and Implications for Targeted Treatment** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Sansone, S. M., Widaman, K. F., Hall, S. S., Reiss, A. L., Lightbody, A., Kaufmann, W. E., Berry-Kravis, E., Lachiewicz, A., Brown, E. C., Hessl, D.
2012; 42 (7): 1377-1392
- **Effects of intranasal oxytocin on social anxiety in males with fragile X syndrome** *PSYCHONEUROENDOCRINOLOGY*
Hall, S. S., Lightbody, A. A., McCarthy, B. E., Parker, K. J., Reiss, A. L.
2012; 37 (4): 509-518
- **Effects of computerized match-to-sample training on emergent fraction-decimal relations in individuals with fragile X syndrome** *RESEARCH IN DEVELOPMENTAL DISABILITIES*
Hammond, J. L., Hirt, M., Hall, S. S.
2012; 33 (1): 1-11
- **Aberrant Frontal Lobe Maturation in Adolescents with Fragile X Syndrome is Related to Delayed Cognitive Maturation** *BIOLOGICAL PSYCHIATRY*
Bray, S., Hirt, M., Jo, B., Hall, S. S., Lightbody, A. A., Walter, E., Chen, K., Patnaik, S., Reiss, A. L.
2011; 70 (9): 852-858
- **Insular volume reduction in fragile X syndrome** *INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE*
Cohen, J. D., Nichols, T., Brignone, L., Hall, S. S., Reiss, A. L.
2011; 29 (4): 489-494
- **Behavioural Excesses and Deficits Associated with Dementia in Adults who have Down Syndrome** *JOURNAL OF APPLIED RESEARCH IN INTELLECTUAL DISABILITIES*
Oliver, C., Kalsy, S., McQuillan, S., Hall, S.
2011; 24 (3): 208-216
- **Functional analysis and treatment of aggressive behavior following resection of a craniopharyngioma** *DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY*
Hammond, J. L., Hall, S. S.
2011; 53 (4): 369-374
- **Autism in Fragile X Syndrome: A Category Mistake?** *JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY*
Hall, S. S., Lightbody, A. A., Hirt, M., Rezvani, A., Reiss, A. L.
2010; 49 (9): 921-933
- **Self-injurious behaviour in Cornelia de Lange syndrome: 2. association with environmental events** *JOURNAL OF INTELLECTUAL DISABILITY RESEARCH*
Sloneem, J., Arron, K., Hall, S. S., Oliver, C.
2009; 53: 590-603
- **Self-injurious behaviour in Cornelia de Lange syndrome: 1. Prevalence and phenomenology** *JOURNAL OF INTELLECTUAL DISABILITY RESEARCH*
Oliver, C., Sloneem, J., Hall, S., Arron, K.
2009; 53: 575-589
- **USING PERCENTILE SCHEDULES TO INCREASE EYE CONTACT IN CHILDREN WITH FRAGILE X SYNDROME** *JOURNAL OF APPLIED BEHAVIOR ANALYSIS*
Hall, S. S., Maynes, N. P., Reiss, A. L.
2009; 42 (1): 171-176
- **Physiological Correlates of Social Avoidance Behavior in Children and Adolescents With Fragile X Syndrome** *JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY*
Hall, S. S., Lightbody, A. A., Huffman, L. C., Lazzeroni, L. C., Reiss, A. L.
2009; 48 (3): 320-329
- **A solution to limitations of cognitive testing in children with intellectual disabilities: the case of fragile X syndrome** *JOURNAL OF NEURODEVELOPMENTAL DISORDERS*
Hessl, D., Nguyen, D. V., Green, C., Chavez, A., Tassone, F., Hagerman, R. J., Senturk, D., Schneider, A., Lightbody, A., Reiss, A. L., Hall, S.
2009; 1 (1): 33-45
- **The neural basis of auditory temporal discrimination in girls with fragile X syndrome** *JOURNAL OF NEURODEVELOPMENTAL DISORDERS*

- Hall, S. S., Walter, E., Sherman, E., Hoeft, F., Reiss, A. L.
2009; 1 (1): 91-99
- **TREATMENTS FOR FRAGILE X SYNDROME: A CLOSER LOOK AT THE DATA** *DEVELOPMENTAL DISABILITIES RESEARCH REVIEWS*
Hall, S. S.
2009; 15 (4): 353-360
 - **Behavioural phenotype of Cornelia de Lange syndrome: case-control study** *BRITISH JOURNAL OF PSYCHIATRY*
Oliver, C., Arron, K., Sloneem, J., Hall, S.
2008; 193 (6): 466-470
 - **Aberrant Brain Activation During Gaze Processing in Boys With Fragile X Syndrome** *ARCHIVES OF GENERAL PSYCHIATRY*
Watson, C., Hoeft, F., Garrett, A. S., Hall, S. S., Reiss, A. L.
2008; 65 (11): 1315-1323
 - **Longitudinal changes in intellectual development in children with Fragile X syndrome** *JOURNAL OF ABNORMAL CHILD PSYCHOLOGY*
Hall, S. S., Burns, D. D., Lightbody, A. A., Reiss, A. L.
2008; 36 (6): 927-939
 - **Health and sleep problems in Cornelia de Lange Syndrome: a case control study** *JOURNAL OF INTELLECTUAL DISABILITY RESEARCH*
Hall, S. S., Arron, K., Sloneem, J., Oliver, C.
2008; 52: 458-468
 - **Compulsive, self-injurious, and autistic behavior in children and adolescents with fragile X syndrome** *AMERICAN JOURNAL ON MENTAL RETARDATION*
Hall, S. S., Lightbody, A. A., Reiss, A. L.
2008; 113 (1): 44-53
 - **Neuroanatomy of fragile X syndrome is associated with aberrant behavior and the fragile X mental retardation protein (FMRP)** *ANNALS OF NEUROLOGY*
Gothelf, D., Furfaro, J. A., Hoeft, F., Eckert, M. A., Hall, S. S., O'Hara, R., Erba, H. W., Ringel, J., Hayashi, K. M., Patnaik, S., Golianu, B., Kraemer, H. C., Thompson, et al
2008; 63 (1): 40-51
 - **Fragile X syndrome: Assessment and treatment implications** *CHILD AND ADOLESCENT PSYCHIATRIC CLINICS OF NORTH AMERICA*
Reiss, A. L., Hall, S. S.
2007; 16 (3): 663-?
 - **Fronto-striatal dysfunction and potential compensatory mechanisms in male adolescents with fragile X syndrome** *HUMAN BRAIN MAPPING*
Hoeft, F., Hernandez, A., Parthasarathy, S., Watson, C. L., Hall, S. S., Reiss, A. L.
2007; 28 (6): 543-554
 - **Modeling family dynamics in children with fragile X syndrome** *JOURNAL OF ABNORMAL CHILD PSYCHOLOGY*
Hall, S. S., Burns, D. D., Reiss, A. L.
2007; 35 (1): 29-42
 - **3D pattern of brain abnormalities in Fragile X syndrome visualized using tensor-based morphometry** *NEUROIMAGE*
Lee, A. D., Leow, A. D., Lu, A., Reiss, A. L., Hall, S., Chiang, M., Toga, A. W., Thompson, P. M.
2007; 34 (3): 924-938
 - **Social escape behaviors in children with fragile X syndrome** *30th Annual Meeting of the Association-for-Behavior-Analysis*
Hall, S., DeBernardis, M., Reiss, A.
SPRINGER/PLENUM PUBLISHERS.2006: 935-47
 - **The acquisition of stimulus equivalence in individuals with fragile X syndrome** *JOURNAL OF INTELLECTUAL DISABILITY RESEARCH*
Hall, S. S., DeBernardis, G. M., Reiss, A. L.
2006; 50: 643-651
 - **Chronological age, but not FMRP levels, predicts neuropsychological performance in girls with fragile X syndrome** *AMERICAN JOURNAL OF MEDICAL GENETICS PART B-NEUROPSYCHIATRIC GENETICS*
Lightbody, A. A., Hall, S. S., Reiss, A. L.
2006; 141B (5): 468-472

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- **Effects of social context on social interaction and self-injurious behavior in Cornelia de Lange syndrome** *AMERICAN JOURNAL ON MENTAL RETARDATION*
Oliver, C., Arron, K., Hall, S., Sloneem, J., Forman, D., McClintock, K.
2006; 111 (3): 184-192
 - **Comparing descriptive, experimental and informant-based assessments of problem behaviors** *29th Annual Meeting of the Association-for-Behavior-Analysis*
Hall, S. S.
PERGAMON-ELSEVIER SCIENCE LTD.2005: 514-26
 - **Effects of increasing task load on memory impairment in adults with Down syndrome** *AMERICAN JOURNAL ON MENTAL RETARDATION*
Oliver, C., Holland, T., Hall, S., Crayton, L.
2005; 110 (5): 339-345
 - **The early development of self-injurious behaviour: evaluating the role of social reinforcement** *JOURNAL OF INTELLECTUAL DISABILITY RESEARCH*
Oliver, C., Hall, S., Murphy, G.
2005; 49: 591-599
 - **The association between environmental events and self-injurious behaviour in Cornelia de Lange syndrome** *JOURNAL OF INTELLECTUAL DISABILITY RESEARCH*
Moss, J., Oliver, C., Hall, S., Arron, K., Sloneem, J., Petty, J.
2005; 49: 269-277
 - **Structural and environmental characteristics of stereotyped behaviors** *AMERICAN JOURNAL ON MENTAL RETARDATION*
Hall, S., Thorns, T., Oliver, C.
2003; 108 (6): 391-402
 - **Descriptive functional analysis of behavioral excesses shown by adults with Down syndrome and dementia** *INTERNATIONAL JOURNAL OF GERIATRIC PSYCHIATRY*
Millichap, D., Oliver, C., McQuillan, S., Kalsy, S., Lloyd, V., Hall, S.
2003; 18 (9): 844-854
 - **Risk markers associated with challenging behaviours in people with intellectual disabilities: a meta-analytic study** *JOURNAL OF INTELLECTUAL DISABILITY RESEARCH*
McClintock, K., Hall, S., Oliver, C.
2003; 47: 405-416
 - **Phenomenology of self-restraint** *AMERICAN JOURNAL ON MENTAL RETARDATION*
Oliver, C., Murphy, G., Hall, S., Arron, K., Leggett, J.
2003; 108 (2): 71-81
 - **Assessing the severity of challenging behaviour: Psychometric properties of the challenging behaviour interview** *JOURNAL OF APPLIED RESEARCH IN INTELLECTUAL DISABILITIES*
Oliver, C., McClintock, K., Hall, S., Smith, M., Dagnan, D., Stenfert-Kroese, B.
2003; 16 (1): 53-61
 - **Transitions between cooperative and non-cooperative responding in the 'Pigeon's Dilemma'** *Behavioural processes*
Hall, S. S.
2003; 60 (3): 199-208
 - **Molecular analyses of the principal components of response strength** *JOURNAL OF THE EXPERIMENTAL ANALYSIS OF BEHAVIOR*
Killeen, P. R., Hall, S. S., Reilly, M. P., Kettle, L. C.
2002; 78 (2): 127-160
 - **Effects of environmental events on smiling and laughing behavior in Angelman syndrome** *AMERICAN JOURNAL ON MENTAL RETARDATION*
Oliver, C., Demetriades, L., Hall, S.
2002; 107 (3): 194-200
 - **Self-injurious behavior, self-restraint, and compulsive Behaviors in Cornelia de Lange syndrome** *AMERICAN JOURNAL ON MENTAL RETARDATION*
Hyman, P., Oliver, C., Hall, S.
2002; 107 (2): 146-154

- **Descriptive analysis of self-injurious behaviour and self-restraint** *JOURNAL OF APPLIED RESEARCH IN INTELLECTUAL DISABILITIES*
Forman, D., Hall, S., Oliver, C.
2002; 15 (1): 1-7
- **Self-injurious behaviour in young children with Lesch-Nyhan syndrome** *DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY*
Hall, S., Oliver, C., Murphy, G.
2001; 43 (11): 745-749
- **Effects of social proximity on multiple aggressive behaviors** *JOURNAL OF APPLIED BEHAVIOR ANALYSIS*
Oliver, C., Oxener, G., Hearn, M., Hall, S.
2001; 34 (1): 85-88
- **The principal components of response strength** *JOURNAL OF THE EXPERIMENTAL ANALYSIS OF BEHAVIOR*
Killeen, P. R., Hall, S. S.
2001; 75 (2): 111-134
- **Early development of self-injurious behavior: An empirical study** *AMERICAN JOURNAL ON MENTAL RETARDATION*
Hall, S., Oliver, C., Murphy, G.
2001; 106 (2): 189-199
- **Cognitive deterioration in adults with Down syndrome: Effects on the individual, caregivers, and service use** *AMERICAN JOURNAL ON MENTAL RETARDATION*
Oliver, C., Crayton, L., Holland, A., Hall, S.
2000; 105 (6): 455-465
- **Aggression and the termination of "rituals": a new variant of the escape function for challenging behavior?** *RESEARCH IN DEVELOPMENTAL DISABILITIES*
Murphy, G., MacDonald, S., Hall, S., Oliver, C.
2000; 21 (1): 43-59
- **Identification of early self-injurious behaviour in young children with intellectual disability** *JOURNAL OF INTELLECTUAL DISABILITY RESEARCH*
Murphy, G., Hall, S., Oliver, C., Kissi-Debra, R.
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- **A molecular to molar analysis of communicative and problem behaviors** *RESEARCH IN DEVELOPMENTAL DISABILITIES*
Oliver, C., Hall, S., Nixon, L.
1999; 20 (3): 197-213
- **A clock not wound runs down** *BEHAVIOURAL PROCESSES*
Killeen, P. R., Hall, S., Bizo, L. A.
1999; 45 (1-3): 129-139
- **Watching the clock** *BEHAVIOURAL PROCESSES*
Fetterman, J. G., Killeen, P. R., Hall, S.
1998; 44 (2): 211-224
- **A four year prospective study of age-related cognitive change in adults with Down's syndrome** *PSYCHOLOGICAL MEDICINE*
Oliver, C., Crayton, L., Holland, A., Hall, S., Bradbury, J.
1998; 28 (6): 1365-1377
- **The treatment of severe self-injurious behavior by the systematic fading of restraints: Effects on self-injury, self-restraint, adaptive behavior, and behavioral correlates of affect** *RESEARCH IN DEVELOPMENTAL DISABILITIES*
Oliver, C., Hall, S., Hales, J., Murphy, G., WATTS, D.
1998; 19 (2): 143-165
- **The neuropsychological assessment of age related cognitive deficits in adults with Down's syndrome** *JOURNAL OF APPLIED RESEARCH IN INTELLECTUAL DISABILITIES*
Crayton, L., Oliver, C., Holland, A., Bradbury, J., Hall, S.
1998; 11 (3): 255-272

- **A graphical method to aid the sequential analysis of observational data** *BEHAVIOR RESEARCH METHODS INSTRUMENTS & COMPUTERS*
Hall, S., Oliver, C.
1997; 29 (4): 563-573
- **Self-injurious behaviour and people with intellectual disabilities: Assessing the behavioural knowledge and causal explanations of care staff** *JOURNAL OF APPLIED RESEARCH IN INTELLECTUAL DISABILITIES*
Oliver, C., Hall, S., Hales, J., Head, D.
1996; 9 (3): 229-239
- **EPIDEMIOLOGY OF SELF-INJURY, CHARACTERISTICS OF PEOPLE WITH SEVERE SELF-INJURY AND INITIAL TREATMENT OUTCOME** *Conference on Research to Practice: Implications of Research on the Challenging Behaviour of People with Learning Disability*
Murphy, G. H., Oliver, C., Corbett, J., Crayton, L., Hales, J., Head, D., Hall, S.
BILD PUBLICATIONS.1993: 1-35
- **DIFFERENTIAL-EFFECTS OF SEVERE SELF-INJURIOUS-BEHAVIOR ON THE BEHAVIOR OF OTHERS** *BEHAVIOURAL PSYCHOTHERAPY*
Hall, S., Oliver, C.
1992; 20 (4): 355-365