

# ROGER J. JOU

Yale Child Study Center  
230 S Frontage Rd, Rm G-130  
New Haven, CT 06519-1124

Tel: (203) 927-3970  
Fax: (203) 737-2797  
roger.jou@yale.edu

---

## **SUMMARY STATEMENT**

Since my first involvement in autism research about 15 years ago, I have focused primarily on two general areas: neuroimaging and intervention. My neuroimaging research focuses on identification of neural phenotypes using structural MRI and diffusion-weighted MRI. My work in structural MRI encompasses morphometry, volumetry, cortical thickness, and longitudinal studies. My work in diffusion-weighted MRI involves both whole-brain approaches and region of interest studies utilizing tractography. Most recently this has included longitudinal studies and novel processing/analysis techniques that minimize the effects of greater head motion and inferior data quality. My interest in intervention can be divided into two broad areas: clinical research and clinical practice. The research interest is centered on psychopharmacology and clinical trials. Previous work focused on off-label use of FDA-approved medications; however, this work has recently expanded to include myriad industry partnerships evaluating investigational medication and biomarkers. I am also a practicing child/adolescent and general psychiatrist interested in treating adults living with autism, using an integrated approach which includes psychotherapy, psychopharmacology, coaching and group therapy. I am also interested in developing models for integrated care with enhanced quality and access for individuals with all developmental disabilities.

## **EDUCATION**

---

- 07/06–05/12 **Yale University Graduate School of Arts & Sciences.**  
100 Church Street South, Suite 100; New Haven, CT 06519.  
Ph.D. (Investigative Medicine) received on May 21, 2012.
- 07/08–06/11 **Child Study Center, Yale University School of Medicine.**  
230 South Frontage Road; New Haven, CT 06519.  
Postdoctoral Fellow, Albert J. Solnit Integrated Training Program.  
Combined clinical and research fellowship completed June 30, 2011.
- 06/04–06/08 **Department of Psychiatry, Yale University School of Medicine.**  
300 George Street, Suite 901; New Haven, CT 06510.  
Residency in general psychiatry completed June 30, 2008.
- 08/03–04/04 **University of Pittsburgh Graduate School of Public Health.**  
130 DeSoto Street; Pittsburgh, PA 15213.  
M.P.H. received on April 24, 2004.
- 08/99–05/03 **University of Pittsburgh School of Medicine.**  
3600 Terrace Street; Pittsburgh, PA 15213.  
M.D. received on May 24, 2003.

01/96–05/99 **New York University.**  
5 Washington Square North; New York, NY 10003.  
B.A. in Chemistry with minor in German, *magna cum laude*.

08/95–12/95 **Franklin & Marshall College.**  
415 Harrisburg Pike; Lancaster, PA 17603.

### **EXPERIENCE**

---

07/11–present **Center for Translational Developmental Neuroscience,  
Child Study Center, Yale University School of Medicine.**  
230 South Frontage Road; New Haven, CT 06519.  
Medical Director & Assistant Clinical Professor (07/14-present).  
Instructor (07/11-06/14).

06/13–present **Yale Child Study Center Faculty Practice.**  
230 South Frontage Road; New Haven, CT 06519.  
Child/Adolescent and General Psychiatrist (autism emphasis).  
CT medical license #044984 | NPI #1346462249

11/07–present **Saint Vincent’s Behavioral Health Services.**  
47 Long Lots Road; Westport, CT 06880.  
Medical staff (per diem), Department of Psychiatry.  
CT medical license #044984 | NPI #1346462249

07/11–05/13 **Yale Child Study Center at Madison.**  
23 Woodland Road, Suite B2; Madison, CT 06443.  
Child/Adolescent and General Psychiatrist (autism emphasis).

07/08–05/12 **Graduate Student Research Apprentice.**  
Child Neuroscience Laboratory, Child Study Center, Yale University School of  
Medicine. Advisors: Kevin A. Pelphrey, PhD, James S. Duncan, PhD and Fred R.  
Volkmar, MD.

10/05–06/08 **Graduate Student Research Apprentice.**  
Developmental Neuroimaging Laboratory, Child Study Center, Yale University  
School of Medicine. Advisor: Robert T. Schultz, PhD.

06/02–01/05 **Medical Student Research Apprentice.**  
Child & Adolescent Psychiatry Program, Department of Psychiatry, University of  
Pittsburgh School of Medicine. Advisor: Antonio Y. Hardan, MD.

05/03–01/05 **Medical Student Research Apprentice.**  
Psychosis Research Group, Department of Psychiatry, University of Pittsburgh  
Schools of Medicine. Advisor: Matcheri S. Keshavan, MD.

- 05/00–08/00 **Western Pennsylvania Health Preceptorship Program.**  
University of Pittsburgh School of Medicine/Saint Clair Hospital; Pittsburgh, PA.  
Completed clinical rotations in gastroenterology, general surgery, internal medicine, orthopedic surgery, and pediatrics.
- 05/99–08/99 **Autopsy Technician Assistant.**  
Allegheny County Coroner's Office; Pittsburgh, PA.  
Assisted physicians, pathologists, and technicians with autopsy examinations, body administration, and morgue maintenance.
- 05/98–08/98 **Research Assistant.**  
Department of Infectious Disease & Microbiology, University of Pittsburgh Graduate School of Public Health. Advisor: Frank Y.T. Tung, PhD.

### ***PEER-REVIEWED ARTICLES***

---

Yang DY, Beam D, Pelphrey KA, Abdullahi S, **Jou RJ**. Cortical morphological markers in children with autism: a structural magnetic resonance imaging study of thickness, area, volume, and gyrification. *Molecular Autism*. 2016;7:11. PMID: 26816612

**Jou RJ**, Reed HE, Kaiser MD, Voos AC, Volkmar FR, Pelphrey KA. White matter abnormalities in autism and unaffected siblings. *Journal of Neuropsychiatry and Clinical Neuroscience*. 2016;28:49-55. PMID: 26404174

Brooks ED, Yang J, Beckett JS, Lacadie C, Scheinost D, Persing S, Zellner EG, Oosting D, Keifer C, Friedman HE, Vander Wyk B, **Jou RJ**, Sun H, Gary C, Duncan CC, Constable RT, Pelphrey KA, Persing JA. Normalization of Brain Morphology After Surgery in Sagittal Craniosynostosis. *Journal of Neurosurgery: Pediatrics*. 2015;18:1-9. PMID: 26684766

Beckett JS, Brooks ED, Vander Wyk B, **Jou R**, Steinbacher D, Constable T, Pelphrey KA, Persing,JA. Altered brain connectivity in sagittal craniosynostosis. *Journal of Neurosurgery: Pediatrics*. 2014;13:690-698. PMID: 24745341

**Jou RJ**, Frazier TW, Keshavan MS, Minshew MJ, Hardan AY. A two-year longitudinal pilot MRI study of the brainstem in autism. *Behavioural Brain Research*. 2013;251:163-167.

**Jou RJ**, Mateljevic N, Kaiser MD, Sugrue DR, Volkmar FR, Pelphrey KA. Structural neural phenotype of autism: preliminary evidence from a diffusion tensor imaging study using Tract-Based Spatial Statistics. *American Journal of Neuroradiology*. 2011;32:1607-1613.

**Jou RJ**, Mateljevic N, Minshew NJ, Keshavan MS, Hardan AY. Reduced central white matter volume in autism: implications for long-range connectivity. *Psychiatry and Clinical Neurosciences*. 2011;65:98-101.

**Jou RJ**, Jackowski AP, Papademetris X, Rajeevan N, Staib LH, Volkmar FR. Diffusion tensor imaging in autism spectrum disorders: preliminary evidence of abnormal neural connectivity. *Australian and New Zealand Journal of Psychiatry*. 2011;45:153-162.

**Jou RJ**, Minshew NJ, Keshavan MS, Vitale MP, Hardan AY. Enlarged right superior temporal gyrus in children and adolescents with autism. *Brain Research*. 2010;1360:205-212.

**Jou RJ**, Minshew NJ, Keshavan MS, Hardan AY. Cortical gyrification in autistic and Asperger's disorders: a preliminary MRI study. *Journal of Child Neurology*. 2010;25:1462-1467.

**Jou RJ**, Keshavan MS, Minshew NJ, Hardan AY. Brainstem volumetric alterations in children with autism. *Psychological Medicine*. 2009;39:1347-1354.

Hardan AY, **Jou RJ**, Handen BL. Retrospective study of quetiapine in children and adolescents with pervasive developmental disorders. *Journal of Autism and Developmental Disorders*. 2005;35:387-391.

**Jou RJ**, Hardan AY. Retrospective Assessment of Atomoxetine in Children and Adolescents with Pervasive Developmental Disorders. *Journal of Child and Adolescent Psychopharmacology*. 2005;15:325-330.

**Jou RJ**, Hardan AY, Keshavan MS. Reduced cortical folding in individuals at high risk for schizophrenia: a pilot study. *Schizophrenia Research*. 2005;75:309-313.

**Jou RJ**, Handen BL, Hardan AY. Retrospective assessment of quetiapine in children and adolescents with mental retardation. *Journal of Pediatric Neurology*. 2005;3:35-39.

**Jou RJ**, Handen BL, Hardan AY. Psychostimulant treatment of adults with mental retardation and attention-deficit hyperactivity disorder. *Australasian Psychiatry*. 2004;12:376-379.

Hardan AY, **Jou RJ**, Handen BL. A retrospective assessment of topiramate in children and adolescents with pervasive developmental disorders. *Journal of Child and Adolescent Psychopharmacology*. 2004;14:426-432.

Hardan AY, **Jou RJ**, Keshavan MS, Varma R, Minshew NJ. Increased frontal cortical folding in autism: a preliminary MRI study. *Psychiatry Research: Neuroimaging*. 2004;131:263-268.

Douaihy AB, **Jou RJ**, Gorske T, Salloum IM. Triple diagnosis: dual diagnosis and HIV disease, part 2. *The AIDS Reader*. 2003;13:375-382.

Douaihy AB, **Jou RJ**, Gorske T, Salloum IM. Triple diagnosis: dual diagnosis and HIV disease, part 1. *The AIDS Reader*. 2003;13:331-341.

### **BOOK CHAPTERS**

Hardan AY, **Jou RJ**. Cerebellar abnormalities in autism. In: Volkmar FR, ed. *Encyclopedia of Autism Spectrum Disorders*. Vol 2. New York, NY: Springer Science+Business Media; 2013: 553-559.

Hardan AY, **Jou RJ**. Cerebellum. In: Volkmar FR, ed. *Encyclopedia of Autism Spectrum Disorders*. Vol 2. New York, NY: Springer Science+Business Media; 2013: 559-560.

**Jou RJ**, Staib LH. Diffusion tensor magnetic resonance imaging. In: Volkmar FR, ed. *Encyclopedia of Autism Spectrum Disorders*. Vol 2. New York, NY: Springer Science+Business Media; 2013: 966-975.

Mateljevic NM, **Jou RJ**. Magnetic resonance imaging. In: Volkmar FR, ed. *Encyclopedia of Autism Spectrum Disorders*. Vol 3. New York, NY: Springer Science+Business Media; 2013: 1779-1783.

Jou JH, **Jou RJ**. Neurofibromatosis. In: Volkmar FR, ed. *Encyclopedia of Autism Spectrum Disorders*. Online ed. New York, NY: Springer Science+Business Media; 2013.

Douaihy AB, Jensen MP, **Jou RJ**. Motivating behavioral change in patients with chronic pain. In: McCarberg BH, Passik SD, eds. *Expert Guide to Pain Management*. Philadelphia, PA: American College of Physicians; 2005: 217-231.

### ***ABSTRACTS***

---

Yang D, **Jou RJ**, Kevin KA. Neuroanatomical signatures of autism. In: Program and abstracts of the 13th International Meeting for Autism Research; May 14-17, 2014; Atlanta, GA. Abstract 155.032.

Shic F, del Valle Rubido M, Hollander E, Jeste SS, McCracken JT, Scahill L, Khwaja O, Squassante L, Kim ES, Perlmutter MG, Sharer E, **Jou RJ**, Lyons MC, Apelian T, Berlin G, Ferretti CJ, Gavaletz A, Loomis RL, Shimizu T, Taylor BP, Wall CA, Umbricht D. The effects of a novel vasopressin V1a antagonist on orienting to biological motion. In: Program and abstracts of the 13th International Meeting for Autism Research; May 14-17, 2014; Atlanta, GA. Abstract 125.188.

**Jou RJ**, Frazier TW, Keshavan MS, Minshew NJ, Hardan AY. A two-year longitudinal pilot MRI study of the brainstem in autism. In: Program and abstracts of the 12th International Meeting for Autism Research; May 2-4, 2013; Donostia/San Sebastián, Spain. Abstract 108.176.

Yang D, Mitchell SK, Cordeaux C, Murphy IY, Pelphrey KA, **Jou RJ**. Decreased cortical thickness in autism spectrum disorder: a large-sample investigation using surface-based morphometry. In: Program and abstracts of the 12<sup>th</sup> International Meeting for Autism Research; May 2-4, 2013; Donostia/San Sebastián, Spain. Abstract 115.063.

**Jou RJ**, DeBenedictis KA, DePedro DM, Murphy IY, Pelphrey KA. Macrocephalic individuals with autism have increased white matter whereas normocephalic individuals with autism exhibit preserved volumes. In: Program and abstracts of the 11<sup>th</sup> International Meeting for Autism Research; May 17-19, 2012; Toronto, Canada. Abstract 107.105.

**Jou RJ**, Mateljevic N, Kaiser MD, Voos AC, Sugrue DR, Nguyen-Phuc AY, Volkmar FR, Pelphrey KA. Comparison of white matter abnormalities in autism and unaffected siblings: implications for an intermediate neuroendophenotype. In: Program and abstracts of the 164<sup>th</sup> Annual Meeting of the American Psychiatric Association; May 14-18, 2011; Honolulu, HI. Poster NR2-42.

Mateljevic N, **Jou RJ**, Volkmar FR, Pelphrey KA. Absence of age-related cortical thinning in autism spanning into adulthood. In: Program and abstracts of the 10<sup>th</sup> International Meeting for Autism Research; May 12-14, 2011; San Diego, CA. Abstract 116.033

**Jou RJ**, Mateljevic N, Hudac CM, Pelphrey KA. White matter abnormalities in autism spectrum disorders: evidence of abnormal neural connectivity. In: Program and abstracts of the 9<sup>th</sup> International Meeting for Autism Research; May 20-22, 2010; Philadelphia, PA. Abstract 130.036.

Deen B, Westphal A, **Jou RJ**, Pelphrey KA. Default mode connectivity in children with and without autism, and their siblings. In: Program and abstracts of the 9<sup>th</sup> International Meeting for Autism Research; May 20-22, 2010; Philadelphia, PA. Abstract 118.133.

**Jou RJ**, Mateljevic N, Keshavan MS, Hardan AY. White matter abnormalities in autism: implications for long-range connectivity. In: Program and abstracts of the 56<sup>th</sup> Annual Meeting of the American Academy of Child & Adolescent Psychiatry; October 27-November 1, 2009; Honolulu, HI. Poster 6.22.

**Jou RJ**, Pelphrey KA, Klin AJ, Duncan JS. Characterization of abnormal neural connectivity in autism spectrum disorders using multimodal magnetic resonance imaging techniques. In: Program and abstracts of the 2009 American Psychiatric Association Research Colloquium for Junior Investigators; May 17, 2009; San Francisco, CA.

**Jou RJ**, Keshavan MS, Hardan AY. Brainstem volumetric alternations in children with autism. In: Program and abstracts of the 55<sup>th</sup> Annual Meeting of the American Academy of Child & Adolescent Psychiatry; October 28-November 2, 2008; Chicago, IL. Poster 5.9.

**Jou RJ**, Paterson SJ, Jackowski AP, Jackowski M, Papademetris X, Rajeevan N, Staib LH, Schultz RT. Abnormalities in white matter structure in autism spectrum disorders detected by diffusion tensor imaging. In: Program and abstracts of the 160<sup>th</sup> Annual Meeting of the American Psychiatric Association; May 19-24, 2007; San Diego, CA. Abstract NR 186.

**Jou RJ**, Paterson SJ, Jackowski AP, Jackowski M, Papademetris X, Rajeevan N, Staib LH, Schultz RT. Abnormalities in white matter structure in autism spectrum disorders detected by diffusion tensor imaging [abstract]. *Biological Psychiatry*. 2007;61(suppl 1):217S.

**Jou RJ**, Paterson SJ, Jackowski AP, Jackowski M, Papademetris X, Rajeevan N, Staib LH, Schultz RT. Abnormalities in white matter structure in autism spectrum disorders detected by diffusion tensor imaging. In: Program of the 14<sup>th</sup> Annual Meeting of the Cognitive Neuroscience Society; May 5-8, 2007; New York, NY. Poster C49.

**Jou RJ**, Paterson SJ, Jackowski AP, Jackowski M, Papademetris X, Rajeevan N, Staib LH, Schultz RT. Abnormalities in white matter structure in autism spectrum disorders detected by diffusion tensor imaging [abstract]. *Journal of Neuropsychiatry and Clinical Neurosciences*. 2007;19:220.

**Jou RJ**, Keshavan MS, Minshew NJ, Hardan AY. Brainstem volumetric alterations in children with pervasive developmental disorders [abstract]. *Biological Psychiatry*. 2006;59(suppl 1):49S-50S.

**Jou RJ**, Hardan AY. Brainstem volumetric alterations in children with pervasive developmental disorder. In: Program and abstracts of the 64<sup>th</sup> Annual Scientific Conference of the American Psychosomatic Society; March 1-4, 2006; Denver, CO. Abstract 1663.

**Jou RJ**, Hardan AY, Vitale M, Minshew NJ. Enlarged right posterior superior temporal gyrus in youth with autism [abstract]. *Journal of Neuropsychiatry and Clinical Neurosciences*. 2006;18:274.

**Jou RJ**, Hardan AY, Vitale M, Minshew NJ. Enlarged right posterior superior temporal gyrus in youth with autism. In: Program and abstracts of the 52<sup>nd</sup> Annual Meeting of the American Academy of Child & Adolescent Psychiatry; October 18-23, 2005; Toronto, Canada. Poster E42.

**Jou RJ**. Reduced cortical folding in individuals at high risk for schizophrenia [abstract]. *Clinical EEG and Neuroscience*. 2004;35:246.

Hardan AY, **Jou RJ**, Keshavan MS, Harrison L, Minshew NJ. An MRI Application of the Gyrfication Index in Autism and Asperger's Disorder [abstract]. *Biological Psychiatry*. 2004;55(suppl 8):176S.

**Jou RJ**, Hardan AY, Keshavan MS. Reduced cortical folding in individuals at high risk for schizophrenia [abstract]. *Biological Psychiatry*. 2004;55(suppl 8):126S.

**Jou RJ**, Hardan AY. Atomoxetine open-label trial in youths with autism spectrum disorders. In: Program and abstracts of the 55<sup>th</sup> Institute on Psychiatric Services; October 29-November 2, 2003; Boston, MA. Poster 224.

**Jou RJ**, Hardan AY, Handen BL. Quetiapine open-label trial in children and adolescents with autism. In: Program and abstracts of the 55<sup>th</sup> Institute on Psychiatric Services; October 29-November 2, 2003; Boston, MA. Poster 219.

Hardan AY, **Jou RJ**, Varma R, Keshavan MS, Minshew NJ. Cortical abnormalities in autism: an MRI application of the gyrfication index. In: Program and abstracts of the 3<sup>rd</sup> Annual Western Psychiatric Institute and Clinic Research Day; June 17, 2003; Pittsburgh, PA.

**Jou RJ**, Hardan AY, Handen BL. Quetiapine open-label trial in youths with mental retardation and/or autism. In: Program and abstracts of the 156<sup>th</sup> Annual Meeting of the American Psychiatric Association; May 17-22, 2003; San Francisco, CA. Abstract NR163.

**Jou RJ**, Hardan AY, Minshew NJ, Varma R, Keshavan MS. Cortical abnormalities in autism: MRI application of the gyrfication index. In: Program and abstracts of the 156<sup>th</sup> Annual Meeting of the American Psychiatric Association; May 17-22, 2003; San Francisco, CA. Abstract NR65.

Hardan AY, **Jou RJ**, Handen BL. Topiramate open-label treatment of children and adolescents with autism [abstract]. *Biological Psychiatry*. 2003;53(suppl 8):125S.

Hardan AY, **Jou RJ**, Minshew NJ, Keshavan MS. Cortical abnormalities in autism: an MRI application of the gyrification index [abstract]. *Biological Psychiatry*. 2003;53(suppl 8):125S.

Hardan AY, **Jou RJ**, Handen BL. Topiramate open-label treatment of children and adolescents with autism. Paper presented at: National Medical Student Conference on Psychiatry & Neuroscience; October 18-20, 2002; New York, NY.

### **PRESENTATIONS**

---

**Jou RJ**. Medication, Mental Health, and Autism. Presented at the Autism Services & Resources Connecticut (ASRC) Resource Fair; November 7, 2015; Wallingford, CT.

**Jou RJ**. Using Medications to Improve Mental Health in Adults Living with Autism. Presented at Vista Vocational & Life Skills Center; May 20, 2015; Madison, CT.

**Jou RJ**, Pretzsch CM. Autism in Adulthood: State of the Science and Implications for Treatment. Presented at Autism Spectrum Disorders: New Insight on Treatment and Interventions (A symposium sponsored by St. Vincent's Behavioral Health Services); May 7, 2015; Westport, CT.

**Jou RJ**. CTDN Partnership for Adult Autism Research and Treatment (PAART). Presented at the Autism Services & Resources Connecticut (ASRC) Resource Fair; November 1, 2014; Wallingford, CT.

**Jou RJ**. Using Psychiatric Medications to Improve Mental Health in ASD. Presented at the Connecticut Autism Action Coalition Statewide ASD Networking Luncheon; October 28, 2014; University of St. Joseph; West Hartford, CT.

Booth LL, **Jou RJ**, Ventola PE. Social Communication and Other Treatment Strategies for ASD. Presented at the Autism Speaks New England Chapter Autism Science Conference; September 13, 2014; New Haven, CT.

**Jou RJ**, Gibbard CR, Pretzsch C, Yang D, Murphy IY, Pelphrey KA. White matter microstructure in girls with autism spectrum disorder: comparison with neurotypical controls and unaffected siblings. Presented at the 13th International Meeting for Autism Research; May 14-17, 2014; Atlanta, GA. Abstract 166.008.

**Jou RJ**. Yale Integrated Care Clinic for Autism: merging clinical care and translational research. Presented at the Child Study Center Grand Rounds; Yale University School of Medicine; November 19, 2013; New Haven, CT.

**Jou RJ**, Doggett RA, Wolf JM. Getting better: an overview of effective treatments for individuals with autism. Presented at the Autism Services & Resources Connecticut (ASRC) Resource Fair; November 2, 2013; Wallingford, CT.



**Jou RJ.** Mental health issues and psychosocial interventions for adolescents and adults with autism spectrum disorders. Presented at Clinical Perspectives 22: Adolescents and Adults with Autism: Opportunities and Challenges; 60<sup>th</sup> Annual Meeting of the American Academy of Child & Adolescent Psychiatry; October 22-27, 2013; Orlando, FL.

**Jou RJ.** Mental health issues. Presented at Moving On: Preparing Students with Autism Spectrum Disorder and Learning Differences for College (A day-long comprehensive conference for parents, students and educators sponsored by the Pleasantville Special Education Parent Teacher Association); October 5, 2013; Pace University, Pleasantville, NY.

Leung JK, Cordeaux C, Mitchell SK, Murphy IY, Pelphrey KA, **Jou RJ.** Characterization of neural disconnectivity in autism: a large-sample diffusion tensor imaging study using Tract-Based Spatial Statistics. Presented at the 12th International Meeting for Autism Research; May 2-4, 2013; Donostia/San Sebastián, Spain. Abstract 156.006.

**Jou RJ.** Brain structure in autism: evidence from neuroimaging research. Presented at the Grand Rounds Program; Saint Vincent's Behavioral Health Services; February 2, 2012; Westport, CT.

**Jou RJ.** The structural neural phenotype of autism spectrum disorder: evidence from magnetic resonance imaging. Presented at the Autism Science Meeting; Child Study Center; Yale University School of Medicine; January 20, 2012; New Haven, CT.

**Jou RJ,** Mateljevic N, Kaiser MD, Voos AC, Sugrue DR, Nguyen-Phuc AY, Volkmar FR, Pelphrey KA. White matter abnormalities between youth with autism and unaffected siblings: a pilot study using Tract-Based Spatial Statistics. Presented at the 10<sup>th</sup> International Meeting for Autism Research; May 12-14, 2011; San Diego, CA. Abstract 103.007.

**Jou RJ,** Hardan AY. Reduced central white matter volume in autism: implications for long-range connectivity. Presented at the 64<sup>th</sup> Annual Scientific Convention and Meeting of the Society of Biological Psychiatry; May 14-16, 2009; Vancouver, Canada. Presentation 286.

**Jou RJ.** Characterization of abnormal neural connectivity in autism spectrum disorders using combinatory magnetic resonance imaging techniques. Presented at the Autism Science Meeting; Child Study Center; Yale University School of Medicine; November 16, 2007; New Haven, CT.

**Jou RJ,** Paterson SJ, Papademetris X, Staib LH, Schultz RT. Abnormalities in white matter structure in autism spectrum disorders detected by diffusion tensor imaging. Presented at Neuro2007: 1<sup>st</sup> Joint Meeting of the Japan Neuroscience Society, Japanese Society for Neurochemistry, and Japanese Neural Network Society; September 10-12, 2007; Yokohama, Japan. Program Number O2P-G04.

**Jou RJ.** Diffusion tensor imaging in autism spectrum disorders: evidence of abnormal white matter connectivity. Department of Psychiatry Grand Rounds: Seymour L. Lustman Awards Symposium; Yale University School of Medicine; June 8, 2007; New Haven, CT.

**Jou RJ**, Paterson SJ, Jackowski AP, Jackowski M, Papademetris X, Rajeevan N, Staib LH, Schultz RT. Abnormalities in white matter structure in autism spectrum disorders detected by diffusion tensor imaging. Presented at the 62<sup>nd</sup> Annual Scientific Convention and Meeting of the Society of Biological Psychiatry; May 17-19, 2007; San Diego, CA. Presentation 297.

**Jou RJ**, Hardan AY, Keshavan MS. Reduced cortical folding in individuals at high risk for schizophrenia. New Research Young Investigator Oral/Slide Presentation at the 157<sup>th</sup> Annual Meeting of the American Psychiatric Association; May 1-6, 2004; New York, NY. Abstract NR169.

### ***HONORS & AWARDS***

---

- 2013 **International Society for Autism Research.**  
**International Meeting for Autism Research Neurobiological Dissertation Award.**  
 Awarded annually to scientists/clinicians for the best neurobiological doctoral dissertation in autism accepted by a university in 2012.
- 2011 **International Society for Autism Research.**  
**International Meeting for Autism Research (IMFAR) Travel Award, San Diego, CA.**  
 Awarded to graduate students, postdoctoral fellows/residents, and medical students presenting their own original research at IMFAR 2011.
- 2009 **American Psychiatric Association.**  
**Research Colloquium for Junior Investigators.**  
 Program providing guidance, mentorship, and encouragement to select young investigators in the early phases of training.
- 2008 **American Academy of Child & Adolescent Psychiatry.**  
**Educational Outreach Program for Child & Adolescent Psychiatry Residents and 55<sup>th</sup> Annual Meeting Travel Award, Chicago, Illinois.**  
 Merit-based opportunity to receive a formal overview to the field of child and adolescent psychiatry, establish mentors, and experience the Annual Meeting.
- 2008 **Department of Psychiatry, Yale University School of Medicine.**  
**Seymour L. Lustman, M.D., Ph.D. Resident Research Award – Honorable Mention.**  
 Recognize residents who have achieved distinction in research and scholarship performed during their residency training.
- 2007 **Neuro2007: Japan Neuroscience Society, Japanese Society for Neurochemistry, and Japanese Neural Network Society.**  
**Joint Meeting Travel Award, Yokohama, Japan.**  
 Awarded to non-Japanese students and post-docs traveling from abroad to present high quality papers at the Joint Annual Meeting.

- 2007 **Department of Psychiatry, Yale University School of Medicine.**  
**Seymour L. Lustman, M.D., Ph.D. Resident Research Award – Honorable Mention.**  
Recognize residents who have achieved distinction in research and scholarship performed during their residency training.
- 2007 **American Psychiatric Association and Eli Lilly & Company.**  
**Resident Research Award.**  
Awarded for the best, original, unpublished scientific paper in general psychiatry where the first author is either a resident or fellow.
- 2007 **Society of Biological Psychiatry.**  
**62<sup>nd</sup> Annual Meeting Travel Fellowship Award, San Diego, CA.**  
Awarded on the basis of past excellence and potential for professional growth in activities pertaining to academic biological psychiatry and clinical neuroscience.
- 2007 **American Association of Directors of Psychiatric Residency Training.**  
**Peter Henderson, M.D. Memorial Award.**  
Awarded for the best, original, unpublished paper in the general field of child and adolescent psychiatry where the first author is either a resident or fellow.
- 2006 **American Psychosomatic Society.**  
**Young Scholar Award.**  
Awarded for outstanding abstract submission where the first author of an accepted abstract is either a student, resident, or fellow.
- 2006 **American Neuropsychiatric Association.**  
**Young Investigator Award.**  
Awarded to young investigators presenting first-authored abstracts and are embarking on promising careers in the clinical neurosciences.
- 2005 **American Academy of Child & Adolescent Psychiatry and Eli Lilly & Company.**  
**Outstanding General Psychiatry Resident and**  
**52<sup>nd</sup> Annual Meeting Travel Award, Toronto, Canada.**  
Awarded based on merit and demonstrated interest in child and adolescent psychiatry.
- 2005 **American Psychiatric Institute for Research & Education and Janssen Pharma.**  
**Resident Psychiatric Research Scholars Program.**  
Awarded to residents with the potential to become leaders in clinical and health services research in all areas of psychiatric research.
- 2005 **American Psychosomatic Society.**  
**63<sup>rd</sup> Annual Meeting Medical Resident Travel Scholarship, Vancouver, Canada.**  
Awarded based on merit and general interest in psychosomatic medicine.

- 2004 **EEG & Clinical Neuroscience Society and International Society for NeuroImaging in Psychiatry. 1<sup>st</sup> Annual Joint Meeting Travel Scholarship, Irvine, CA.**  
Awarded to young investigators presenting first-authored abstracts and are embarking on promising careers in the clinical and imaging neurosciences.
- 2002 **American Academy of Addiction Psychiatry. 13<sup>th</sup> Annual Meeting Medical Student Travel Scholarship, Las Vegas, NV.**  
Awarded based on interest, ability, and potential for contribution to the addiction field.
- 2002 **Department of Psychiatry, Columbia University College of Physicians & Surgeons. National Medical Student Conference on Psychiatry & Neuroscience.**  
Selected by medical school based on merit and interest in psychiatry and neuroscience.
- 1999 **Phi Lambda Upsilon, New York University.**  
Chemical honor society.
- 1999 **New York University. Founders Day Award.**  
Awarded for overall academic excellence.
- 1999 **Phi Beta Kappa, New York University.**  
Academic honor society.

### ***RESEARCH SUPPORT***

---

- 2016 **Curemark LLC.**  
**Clinical Research Agreement.**  
An Open-Label Extension Study of CM-AT for the Treatment of Children with Autism (Protocol ID: 00104 / Autism)  
Contract period: Ongoing
- 2016 **Edison Pharmaceuticals, Inc.**  
**Clinical Research Agreement.**  
Analysis of the glutathione cycle in children with autism (EPITRA-15-004)  
Contract period: Ongoing
- 2015 **Curemark LLC.**  
**Clinical Research Agreement.**  
A double blind randomized placebo controlled study of CM-AT for the treatment of autism in children with all levels of fecal chymotrypsin (Protocol ID: 00103 / Autism)  
Contract period: Ongoing

- 2014 **F. Hoffmann-La Roche Limited.**  
**Clinical Research Agreement.**  
A multi-center, randomized, double blind, 12-week, parallel group, placebo-controlled, proof of concept study to investigate the efficacy and safety of RO5285119 in individuals with autism spectrum disorders (BP28420)  
Contract period: Ongoing
- 2014 **Daniel Jordan Fiddle Foundation.**  
**The Daniel Jordan Fiddle Foundation Adult Autism Research Fund.**  
This endowment fund was created to support research on how autism affects individuals throughout their adult lives.  
Award period: In perpetuity.
- 2014 **American Academy of Child & Adolescent Psychiatry Research Initiative.**  
**Junior Investigator Award.**  
The program is intended to facilitate innovative research conducted by child and adolescent psychiatry junior faculty.  
Award period: 7/1/14-6/30/16.
- 2011 **National Alliance for Research on Schizophrenia and Depression (NARSAD).**  
**Research Partners Program Young Investigator Award (Foster Bam Investigator).**  
This award provides support for the most promising young scientists conducting neurobiological research related to mental health.  
Award period: 7/15/11-7/14/14.
- 2011 **Hilibrand Foundation.**  
**The Hilibrand Autism Fellowship in Adolescence and Adulthood.**  
This fellowship provides support for the promising clinician-scientist who plans to specialize in research and clinical care of the adult autism population.  
Award period: 7/1/11-6/30/13
- 2010 **Pfizer's Medical and Academic Partnership program.**  
**ANA/Pfizer Fellowships in Clinical Practice.**  
This program is intended to contribute to the career development of nurses, pharmacists, or physicians who have completed their clinical training and have elected to specialize as clinicians-scientists.  
Award period: 7/1/10-6/30/13.
- 2009 **Yale Child Study Center.**  
**Training Program in Childhood Neuropsychiatric Disorders.**  
Multidisciplinary postdoctoral research-training program for child psychiatrists, child psychologists, and other postdoctoral scientists in related fields including epidemiology, genetics, developmental neurobiology, neuroimaging, and psychopharmacology.  
Award period: 7/1/09-6/30/10.

- 2008 **American Psychiatric Institute for Research & Education. Program for Minority Research Training in Psychiatry.**  
Psychiatric research fellowship awarded to minorities to engage in pioneering scientific investigation across an array of disciplines.  
Award period: 7/1/08-6/30/10.
- 2008 **American Academy of Child & Adolescent Psychiatry and Eli Lilly & Co. Pilot Research Award for Junior Faculty and Child Psychiatry Fellows.**  
Research funding awarded to promising young investigators at a critical stage, encouraging future careers in child and adolescent psychiatry research  
Award period: 9/1/08-10/31/09.
- 2008 **American Psychiatric Institute for Research & Education and Eli Lilly & Company. Psychiatric Research Fellowship.**  
Awarded to support the career development of a post-graduate medical trainee who has shown exceptional promise in psychiatric research.  
Award period: 7/1/08-6/30/09.

#### **ORANIZATIONAL MEMBERSHIPS**

---

- 2010–present **International Society for Autism Research**  
2008–present **American Academy of Child & Adolescent Psychiatry**  
2007–present **Japan Neuroscience Society**  
2004–present **American Psychiatric Association**

#### **COMMUNITY SERVICE**

---

04/14–present **Community Autism Socials at Yale (Project CASY).**

**Founder and Organizer.**

Project CASY is a university-organized online community of individuals living with autism and their families, friends, and professionals involved in their lives. The main purpose of Project CASY is promoting the quality of life of individuals living with autism. Project CASY does this using a collaborative approach, where community members meet together in person to share their thoughts and experiences while benefiting from the expertise of clinicians and researchers at the Yale Child Study Center. The online component allows for an extensive network spanning the entire state of Connecticut (and beyond) assuring diversity and eliminating isolation. In-person meetings typically take place monthly where members can regularly assemble to maintain ongoing dialogue in the service of the community's goals. All meetings are facilitated by faculty and staff of the Yale Child Center who have dedicated their careers to autism in both clinical and research arenas. As the community grows, there will be subgroups to accommodate more specific interests.

<http://www.meetup.com/ProjectCASY/>

The Curriculum Vitae is true and correct as at February 3, 2016.

Signature and date: \_\_\_\_\_ 03-Feb-16