Curriculum Vitae

Robert M. Joseph, PhD
Department of Anatomy and Neurobiology
Boston University School of Medicine
72 E. Concord St., L-816
Boston, MA 02118-2526
e-mail: rmjoseph@bu.edu
https://profiles.bu.edu/Robert.Joseph
January 15, 2020

ACADEMIC TRAINING

1986	B.A. (with Honors), Social Thought and Political Economy University of Massachusetts, Amherst
1996	Ph.D., Clinical Psychology University of Massachusetts, Boston

ADDITIONAL TRAINING

1996-1997	Postdoctoral Fellow in Child Neuropsychology Department of Psychiatry, Harvard Medical School

ACADEMIC APPOINTMENTS

1997-2001	Assistant Scientist Shriver Center, Waltham, MA
2000-2001	Assistant Professor of Psychiatry University of Massachusetts Medical School
2001-2003	Instructor, Department of Anatomy & Neurobiology Boston University of School of Medicine
2003-2018	Assistant Professor, Department of Anatomy & Neurobiology Boston University of School of Medicine
2018-present	Associate Professor, Department of Anatomy & Neurobiology Boston University of School of Medicine

HOSPITAL APPOINTMENTS

2003-2012	Associate Scientific Staff, Children's Hospital Boston

LICENSES AND CERTIFICATIONS

1997-present	Licensed Psychologist Provider (7310), Commonwealth of Massachusetts
2000-present	Certified Trainer, Autism Diagnostic Interview - Revised (ADI-R) University of Chicago
2003-present	Certified Trainer, Autism Diagnostic Observation Schedule (ADOS, ADOS-2) University of Michigan

DEPARTMENTAL AND UNIVERSITY COMMITEES

2002-2005	Faculty Promotions and Development Committee, Dept. of Anatomy and Neurobiology
2004-2006	Carnegie Initiative on the Doctorate Teaching Committee, Dept. of Anatomy and Neurobiology
2010-2013	Educational Neuroscience, Master's Program Development, Dept. of Anatomy and Neurobiology
2011-2012	Biostatistics and Research Curriculum Committee, Graduate Medical Science
2015-2016	Faculty Handbook Committee, Dept. of Anatomy and Neurobiology

TEACHING EXPERIENCE AND RESPONSIBILITIES

Instructor

2002-2014	Human Growth and Development (GMS MH 708), yearly
2008, 2014	Developmental Cognitive Neuroscience (GMS AN 716)
2009	Autism: Clinical and Neuroscience Perspectives (GMS AN 713)
2010-present	Biostatistics (GMS MS 700), yearly
2011-2013	Biostatistics (GMS AN 704), yearly
2011-2018	Neuroscience for Mental Health Professionals (GMS MH 709), yearly
2012	Neurocognitive and Neurobehavioral Assessment of Autism (GMS MH 972)
2019	Cognitive Neuroscience (GMS AN 811)

Guest Instructor

2006-2013	Professional Development & Ethics (GMS AN 715), yearly
2008-2010	Autism and Society (CAS-PS 200), BU College of Arts & Sciences, yearly

MAJOR MENTORING ACTIVITIES

Thesis Students

Lia Welch, MA Thesis (Anatomy & Neurobiology, BUSM), 2005, Reader
Selena Goss, MA Thesis (Graduate Medical Sciences, BUSM), 2006, Reader
Nadja Berberovic, PhD Thesis (Psychology, LaTrobe University, Australia), 2006, External Examiner
Evelyn Rosset, PhD Thesis (Psychology, Boston University), 2007, Reader
Neda Afsarmanesh, MA Thesis (Anatomy & Neurobiology, BUSM), 2007, Student Advisor and Thesis Director
Anneli Kylliainen, PhD Thesis (Psychology, University of Tampere, Finland), 2007, External Examiner
Rose Severe, MS Thesis (Biomedical Imaging, BUSM), 2008, Reader
Brenda Phillips, PhD Thesis (Psychology, Boston University), 2009, Reader
Penny Tok, PhD Thesis (Psychology, Victoria University, New Zealand), 2012, External Examiner
Nicole Zurcher, PhD Thesis (Cognitive Neuroscience, EPFL, Lausanne), 2012, External Examiner
Jonathan Ubbach, MS Thesis (Masters of Medical Science), 2012, Reader
Peter Fried, PhD Thesis (Anatomy & Neurobiology), 2013, Reader
Bruce Leewiwatanakul, MS Thesis (Masters of Medical Science), 2013, Advisor
Ken Porche, MS Thesis (Masters of Medical Science), 2013, Advisor
Colleen Buckless, MS Thesis (Masters of Biomedical Engineering), 2014, Advisor
Marisa Immormino, MS Thesis (Masters of Clinical Science), 2015, Reader
Ida Azizkhanian, MS Thesis (Masters of Medical Science), 2016, Reader
Talena Day, BA Honors Thesis (Psychological and Brain Sciences), 2016, Reader
Alan Espinal, MA Thesis (Anatomy & Neurobiology, BUSM), 2019, Reader
Katja Jussila, PhD Thesis (Psychology, University of Oulu, Finland), 2019, External Examiner

BUSM Medical Student Summer Research Rotation

Noelle Ebel, 2008
Zachary Fricker, 2009
Aubrey McMillan, 2016

OTHER PROFESSIONAL ACTIVITIES

Professional Associations
Boston Autism Consortium
International Society for Autism Research

Ad-Hoc Editorial Review
American Journal of Medical Genetics
American Journal of Psychiatry
Autism
Autism and Developmental Language Impairment
Autism Research
Biological Psychiatry
BMC Psychiatry
Brain
British Journal of Developmental Psychology
Child Development
Child Neuropsychology
Cognition
Cognition and Emotion
Cognitive Neuropsychology
Developmental Neuropsychology
Developmental Psychology
Developmental Science
Genes, Brain, and Behavior
Journal of the American Academy of Child and Adolescent Psychiatry
Journal of Autism and Developmental Disorders
Journal of Child Psychology and Psychiatry
Journal of Neurodevelopmental Disorders
Journal of Pediatrics
Journal of the International Neuropsychological Society
Mental Retardation and Developmental Disabilities Research Reviews
NeuroImage
Neuropsychologia
Neuropsychology
Pediatrics
PLOS ONE
Proceedings of the Royal Society: Biological Sciences
Quarterly Journal of Experimental Psychology
Research in Autism Spectrum Disorders
Visual Cognition

Conference Program Committees
International Society for Infant Studies Conference, 2002
Society for Research in Child Development Conference, 2003
International Meeting for Research on Autism Conference, 2004
Society for Research in Child Development Conference, 2007

Grant Review/Study Sections
National Alliance for Autism Research (NAAR) Pilot Grant Awards, June 2005
Autism Speaks Basic and Clinical Proposals, October 2006
Dana Foundation Research Grants in Autism, May 2006
NIH Review Group ZMH1-BST, December 2006
NIH Special Emphasis Panel ZRG1 F12B, March 2007
NIH Special Emphasis Panel ZDC1 SRB-O, May 2007
Autism Speaks Basic and Clinical Proposals, October 2008

NIH Research Committees

2002-2007	Pheno-Genotype Committee, NICHD/NIDCD Collaborative Programs of Excellence Autism
2003-2007	Diagnosis Committee, NICHD/NIDCD Collaborative Programs of Excellence in Autism
2005-2007	Autism in Girls Network, NICHD/NIDCD Collaborative Programs of Excellence in Autism
2016-	Neurodevelopmental Outcomes Working Group, NIH Environmental Influences on Child Health Outcomes (ECHO) Program

RESEARCH GRANT SUPPORT

Current
2017-2021 **Subaward PI and Co-Investigator**, Preterm Birth and Brain Outcomes: Role of Placental inflammation and Epigenetics (Rebecca Fry & Michael O'Shea, Co-PIs; R01HD092374), National Institute of Child Health and Development. **Total cost:** $3,250,023; **Subaward cost:** $171,052.

Current
2016-2023 **Subaward PI and Co-Investigator**, Environment, Epigenetics, Neurodevelopment Health of Extremely Preterm Children 1UG3OD023348; Michael O'Shea & Rebecca Fry, Co-PIs), NIH Environmental influences on Child Health Outcomes (ECHO) program. https://www.nih.gov/echo. **Total cost:** $33,298,740; **Subaward cost:** $414,674.

Completed
2012-2018 **Principal Investigator of Clinical Core & Co-Principal Investigator of Research Training and Education Core**, Minimally Verbal ASD: From Basic Mechanisms to Innovative Interventions (ACE 1 P50 HD073912; Helen Tager-Flusberg, PI), National Institute of Child Health and Human Development/National Institute of Deafness and Other Communication Disorders. **Total cost:** $9,245,843

Completed
2011-2017 **Co-Investigator**, Prediction of Childhood Brain Disorders in Extremely Preterm Babies Using Neonatal Biomarkers (5U01NS040069; Karl Kuban, PI), National Institute of Neurological Disorders and Stroke. **Total cost:** $13,457,605.

Completed
2009-2011 **Co-Investigator**, Olivocerebellar Circuitry in Autism (5R01HD039459; Gene Blatt, PI), National Institute of Child Health and Human Development. **Total cost:** $1,513,760.

Completed
2005-2010 **Principal Investigator**, *Neural Substrates of Gaze and Face Processing in Autism* (K01 MH 073944), Mentored Research Scientist Development Award, National Institute of Mental Health. **Total cost:** $560,694

Completed
2007-2008 **Co-Investigator**, Neurofunctional Correlates of Prenatal Substance Exposure in Adolescents Enrolled in the Boston Medical Center Primary Care Enrichment Program. (Deborah Frank, PI), Pilot fMRI study funded by the Boston University School of Medicine Center for Biomedical Imaging. **Total cost:** $24,000.

Completed
2003-2008 **Co-Investigator**, *Social Affective Processes in Autism. NIH Autism Center of Excellence (STAART Program,* U54 MH 66398, Helen Tager-Flusberg, PI), National Institute of Mental Health. **Total cost:** $8,016,527.

Completed
2004-2007 **Principal Investigator**, *Neurobiological Markers of Language Acquisition and Functioning in Young Children with Autism* (No Number), National Alliance for Autism Research/Autism Speaks. **Total cost:** $120,000.

Completed
2002-2007 **Project Principal Investigator, *Project 1***: *Faces and Their Communicative Signals in Autism* (U19 DC 03610, Helen Tager-Flusberg, Program PI), National Institute of Deafness and Other Communication Disorders. **Total cost:** $5,938,143.

Completed 2002-2005 **Co-Investigator**, *Visual Processing in Neurodevelopmental Disorders* (R01 NS 44824, Nouchine Hadjikhani, PI), National Institute of Neurological Diseases and Stroke. **Total cost:** $1,212,610.

Completed 1997-2002 **Co-Investigator**, *Language in Autism: Clinical and Basic Studies* (PO1 DC 03610; Helen Tager-Flusberg, Program PI), National Institute of Deafness and Other Communication Disorders. **Total cost:** $3,367,067.

Completed 1999-2001 **Principal Investigator**, *Face Recognition Processes in Autism* (RO3 HD37898), National Institute of Child Health and Human Development. **Total cost:** $139,500.

INVITED LECTURES

Local

1. *Extremely preterm birth and increased risk of autism spectrum disorder.* Pediatric Grand Rounds, Boston University Medical Center, Boston, MA. October, 2018.

2. *Prevalence, associated features, and early antecedents of autism spectrum disorder in extremely low gestational age newborns at 10 years of age.* Simons Center for the Social Brain Colloquium, Massachusetts Institute of Technology, Cambridge, MA. September, 2015

3. *Visual perception and attention in ASD: Social and non-social neurocognitive markers.* Eunice Kennedy Shriver Center, Waltham, MA. January, 2010.

4. *Perception of intent conveyed by gaze direction in ASD: an fMRI study.* Laboratories of Cognitive Neuroscience Colloquium, Children's Hospital, Boston, MA. December, 2009.

5. *Developmental cognitive neuroscience approaches to heterogeneity in autism.* Human Development Colloquium, Boston University Department of Psychology, Boston, MA. April, 2009.

6. *The weak central coherence theory of autism: A critique.* Understanding Autism Seminar, Massachusetts Institute of Technology, Cambridge, MA. October, 2008.

7. *Diagnostic and research strategies for understanding autism.* May Institute, Randolph, MA. March, 2006.

8. *Visual perception and attention in autism: Identifying social and non-social neurofunctional markers.* Massachusetts General Hospital, Boston, MA. February, 2006.

9. *Idiopathic and non-idiopathic autism: Assessment and diagnosis.* Pediatric Neurology Grand Rounds, Boston University Medical Center, Boston, MA. October, 2005.

10. *Assessment and diagnosis of autism in young children.* Harvard Medical School Continuing Education Series on Childhood Autism, PDD, and Other Disorders across the Spectrum, Boston, MA. January, 2005.

11. *Face processing deficits in autism: Delineating the attentional, perceptual, and affective components.* Massachusetts Institute of Technology, Cambridge, MA. December, 2004.

12. *What are the face processing abnormalities in autism?* Psychiatry Grand Rounds, Boston University Medical Center, Boston, MA. December, 2002.

13. *Face recognition processes in children with autism: Normal or aberrant?* Behavioral Neuroscience Seminar of the Longwood Neurology/ Behavioral Neurology Program, Harvard Medical School, Boston, MA. March, 2002.

14. *Cognitive science perspectives on autism: Recent research findings and strategies.* Massachusetts Neuropsychological Society, Boston, MA. November, 2001.

National

1. *Increased risk of ASD among children born extremely preterm: Findings from the Extremely Low Gestational Age Newborn (ELGAN) Study.* Marcus Autism Center/Department of Pediatrics, Emory University School of Medicine, Atlanta, GA. October, 2018.

2. *Elucidating brain architecture in autism: Social impairment and special abilities*. Teachers' College, Columbia University, New York, NY. April, 2013.

3. *Finding neurocognitive markers of ASD: Social impairments versus special abilities.* Smith College, Northampton, MA. April, 2010.

4. *Visual attention and perception in autism: Identifying social and nonsocial neurofunctional markers.* City University of New York. New York, NY. May, 2009.

5. *Current research on language in the brain.* Annual Meeting of the American Speech-Language-Hearing Association. Boston, MA. November, 2007.

6. *Are gaze processing deficits central to face processing deficits in autism?* Invited Plenary Talk, The Third International Meeting for Autism Research, Sacramento, CA. May, 2004.

7. *Identifying neurocognitive phenotypes in autism: Verbal – nonverbal IQ discrepancies.* The Fourth Annual Autism Genetics Workshop, Pine Mountain, GA. March, 2003.

8. *Holistic and part-based face processing in children with autism.* Child Study Center, Yale University, New Haven, CT. December, 2000.

International

1. *Medical and mental health challenges in autism spectrum disorder.* International Autism Spectrum Congress. Rio de Janeiro, Brazil. June, 2019.

2. *Diagnosis and assessment of autism spectrum disorder in toddlers.* Miriam Foundation, Montreal, Quebec. May, 2013.

3. *How is the brain different in autism spectrum disorder? Recent research findings and perspectives.* The Miriam Foundation Annual Symposium. Montreal, Quebec. November, 2009.

4. *Perception of high- and low-frequency information from faces in autism: Evidence from functional and diffusion tensor imaging.* Annual Innovative Research in Autism Conference, Tours, France. April, 2009.

5. *Diagnosis, assessment and treatment of autism spectrum disorders.* Cairo University Medical School, Cairo, Egypt. April, 2007.

6. *Differential diagnosis of 'idiopathic' and 'syndromic' autism for genetic studies.* King Faisal Specialist Hospital and Research Center, Jeddah, Saudi Arabia. April, 2007.

7. *Research diagnosis of autism.* Third International Istanbul Autism Symposium, Istanbul, Turkey. September, 2006.

8. *Why is visual search superior in autism?* Third International Istanbul Autism Symposium, Istanbul,

Turkey. September, 2006.

9. *Assessment and diagnosis of autism: Distinguishing syndrome-based phenotypes from idiopathic forms.* Harvard-Kuwait Genetics Symposium, Kuwait City, Kuwait. December, 2005.

10. *At the intersection of attention and perception: Explaining superior visual search skills in autism.* McGill University, Montreal, Quebec. November, 2005.

11. *Identifying neurocognitive phenotypes in autism: From social cognition to social perception.* Second International Istanbul Autism Symposium, Istanbul, Turkey. October, 2004.

BIBLIOGRAPHY

Original Peer-Reviewed Journal Articles
Google Scholar for citation statistics

1. Dvir, Y., Frazier, J. A., **Joseph, R. M**., Mokrova, I., Moore, P. S., O'Shea, T. M., ... & ELGAN Study Investigators. (2019). Psychiatric symptoms: Prevalence, co-occurrence, and functioning among extremely low gestational age newborns at age 10 years. Journal of Developmental & Behavioral Pediatrics, 40, 725-734.
2. Tomlinson, M. S., Santos, H. P., Stewart, J. R., **Joseph, R.**, Leviton, A., Onderdonk, A. B., ... & Fry, R. C. (2019). Neurocognitive and social-communicative function of children born very preterm at 10 years of age: Associations with microorganisms recovered from the placenta parenchyma. Journal of Perinatology, 1-10.
3. Kuban, K. C., Jara, H., O'Shea, T. M., Heeren, T., **Joseph, R. M**., Fichorova, R. N., ... & Douglass, L. M. (2019). Association of circulating proinflammatory and anti-inflammatory protein biomarkers in extremely preterm born children with subsequent brain magnetic resonance imaging volumes and cognitive function at age 10 years. The Journal of Pediatrics, 210, 81-90.
4. Santos, H. P., Bhattacharya, A., Martin, E. M., Addo, K., Psioda, M., Smeester, L., **Joseph, R. M.** ... & O'Shea, T. M. (2019). Epigenome-wide DNA methylation in placentas from preterm infants: Association with maternal socioeconomic status. Epigenetics, 14, 751-765.
5. Bangma, J. T., Kwiatkowski, E., Psioda, M., Santos, H. P., Hooper, S. R., Douglass, L., **Joseph, R. M.**, ... & Fry, R. C. (2019). Understanding positive child health. Pediatric Research, *86*, 690-691.
6. Bangma, J. T., Kwiatkowski, E., Psioda, M., Santos Jr, H. P., Hooper, S. R., Douglass, L., **Joseph, R. M**.... & Fry, R. C. (2019). Early life antecedents of positive child health among 10-year-old children born extremely preterm. Pediatric Research, 86,758-765.
7. **Joseph, R. M.**, Skwerer, D. P., Eggleston, B., Meyer, S. R., & Tager-Flusberg, H. (2019). An experimental study of word learning in minimally verbal children and adolescents with autism spectrum disorder. Autism & Developmental Language Impairments, 4, 2396941519834717.
8. Skwerer, D. P., **Joseph, R. M**., Eggleston, B., Meyer, S. R., & Tager-Flusberg, H. (2019). Prevalence and correlates of psychiatric symptoms in minimally verbal children and Adolescents with ASD. Frontiers in Psychiatry, 10.
9. Logan, J. W., Allred, E. N., Msall, M. E., **Joseph, R. M.,** O'Shea, T. M., Heeren, T., ... & Kuban, K. C. (2019). Neurocognitive function of 10-year-old multiples born less than 28 weeks of gestational age. Journal of Perinatology, 39, 237.
10. Leviton A, Allred EN, Dammann O, **Joseph RM**, Fichorova RN, et al. (2019) Socioeconomic status and early blood concentrations of inflammation-related and neurotrophic proteins among extremely preterm newborns. PLOS ONE 14: e0214154.
11. Leviton, A**., Joseph, R. M.**, Fichorova, R. N., Allred, E. N., Taylor, H. G., O'Shea, T. M., & Dammann, O. (2018). Executive dysfunction early postnatal biomarkers among children born extremely preterm. Journal of Neuroimmune Pharmacology, 14, 188-199.
12. Kuban, K. C., Heeren, T., O'Shea, T. M., **Joseph, R. M**., Fichorova, R. N., Douglass, L., ... & Rollins, J. V. (2018). Among children born extremely preterm a higher level of circulating neurotrophins is associated with lower risk of cognitive impairment at school age. The Journal of Pediatrics, 201, 40-48.

13. Bangma, J.T., Kwiatkowski, E., Psioda, M., Santos Jr, H.P., Hooper, S.R., Douglass, L., **Joseph, R.M.**, Frazier, J.A., Kuban, K.C., O'Shea, T.M. and Fry, R.C. (2018). Assessing positive child health among individuals born extremely preterm. The Journal of Pediatrics, 202, 44-49.
14. Leviton, A., Allred, E. N., **Joseph, R. M.**, O'Shea, T. M., Majzoub, J., Kuban, K. C., & ELGAN Study Investigators. (2018). Behavioural dysfunctions of 10-year-old children born extremely preterm associated with corticotropin-releasing hormone expression in the placenta. Acta Paediatrica, 107, 1932-1936.
15. Babata, K., Bright, H. R., Allred, E. N., Erdei, C., Kuban, K. C., **Joseph, R. M.**, ... & ELGAN Study Investigators. (2018). Socioemotional dysfunctions at age 10 years in extremely preterm newborns with late-onset bacteremia. Early Human Development, 121, 1-7.
16. Linthavong, O., O'Shea, T. M., Allred, E., Perrin, E., Bauserman, M., **Joseph, R. M.**, ... & Kuban, K. C. (2018). Neurocognitive and health correlates of overweight and obesity among ten-year-old children born extremely preterm. The Journal of Pediatrics, 200, 84-90.
17. Sriram, S., Schreiber, M., Msall, M., Kuban, K., **Joseph, R. M.**, O'Shea, T., Allred, E., Leviton, A. (2018). Cognitive development and quality of life associated with BPD in 10-year-olds born preterm. Pediatrics, 141, e20172719.
18. Leviton, A., **Joseph, R. M.**, Allred, E. N., Fichorova, R. N., O'Shea, T. M., Kuban, K. C., & Dammann, O. (2018). The risk of neurodevelopmental disorders at age 10 years associated with blood concentrations of Interleukins 4 and 10 during the first postnatal month of children born extremely preterm. Cytokine, 110, 181-188.
19. **Joseph, R. M.,** O'Shea, T. M., Allred, E. N., Heeren, T., & Kuban, K. K. (2018). Maternal educational status at birth, maternal educational advancement, and neurocognitive outcomes at age 10 years among children born extremely preterm. Pediatric research, 83, 767.
20. O'Shea, T. M., **Joseph, R. M.**, Allred, E. N., Taylor, H. Gerry, Leviton, A., Heeren, T., Douglass, L., Frazier, J., Jara, H., & Kuban K. (2018). Accuracy of the Bayley-II Mental Development Index at 2 years as a predictor of cognitive impairment at school age among children born extremely preterm. Journal of Perinatology.
21. Meakin, C.J., Martin E.M., Santos, H., Kuban, K., O'Shea T.M., **Joseph, R.M.**, Smeester, L., & Fry R. C. (2018). Placental CpG methylation of HPA-axis genes is associated with cognition at age 10 among children born extremely preterm. *Hormones and Behavior, 101*, 29-35
22. Burnett, A. C., Anderson, P. J., **Joseph, R. M.**, Allred, E. N., O'Shea, T. M., Kuban, K. C., Leviton, A. (2018). Hand preference and cognitive, motor, and behavioral functioning in 10-year-olds born extremely preterm. Journal of Pediatrics,195, 279-82.
23. Tilley, S. K., Martin, E. M., Smeester, L., **Joseph, R. M.**, Kuban, K. C., Heeren, T. C., ... & Fry, R. C. (2018). Placental CpG methylation of infants born extremely preterm predicts cognitive impairment later in life. *PloS one*, *13*, e0193271.
24. Allred, E. N., Kuban, K. C., **Joseph, R. M.**, O'Shea, T. M., & Leviton, A. (2018). Antenatal and neonatal antecedents of learning limitations in 10-year old children born extremely preterm. Early Human Development, 118, 8-14.
25. Leviton, A., Dammann, O., Allred, E. N., **Joseph, R. M.**, Fichorova, R. N., O'Shea, T. M., & Kuban, K. C. (2018). Neonatal systemic inflammation and the risk of low scores on measures of reading and mathematics achievement at age 10 years among children born extremely preterm. International Journal of Developmental Neuroscience, 66, 45–53.
26. Leviton, A., **Joseph, R. M.**, Allred, E. N., O'Shea, T. M., Taylor, H. G., & Kuban, K. C. (2018). Antenatal and neonatal antecedents of executive dysfunctions in extremely preterm children. Journal of Child Neurology, 33, 198-208.
27. Leviton, A., Hooper, S.R., Hunter, S.J., Scott, M.N., Allred, E.N., **Joseph, R.M.**, O'Shea, T.M., Kuban, K. and ELGAN Study Investigators (2017). Antecedents of screening positive for attention deficit hyperactivity disorder in 10-year old children born extremely preterm. Pediatric Neurology, 81, 25-30.
28. Korzeniewski, S. J., Allred, E. N., **Joseph, R. M.**, Heeren, T., Kuban, K. C., O'Shea, T. M., ... & ELGAN Study Investigators. (2017). Neurodevelopment at age 10 years of children born < 28 weeks with fetal growth restriction. Pediatrics, e20170697.
29. Hirschberger, R., Kuban, K., O'Shea, T. M., **Joseph, R. M.**, Heeren, T., Douglass, L., Stafstrom, C., Jara, H., Frazier, J., Hirtz, D., Rollins, J., & Paneth, N. (2017). Co-occurrence and severity of

neurodevelopmental burden (cognitive impairment, cerebral palsy, autism spectrum disorder, and epilepsy) at age 10 years in children born extremely preterm. Pediatric Neurology, 79, 45-52.
30. Korzeniewski, S. J., **Joseph, R. M**., Kim, S. H., Allred, E. N., O'Shea, T. M., Leviton, A., ... & ELGAN Study Investigators. (2017). Social Responsiveness Scale assessment of the preterm behavioral phenotype in 10-year-olds born extremely preterm. Journal of Developmental & Behavioral Pediatrics, 38, 697-705.
31. Bright, H.R., Babata, K., Allred, E.N., Erdei, C., Kuban, K.C., **Joseph, R. M.**, O'Shea, T.M., Leviton, A., Dammann, O. and ELGAN Study Investigators (2017). Neurocognitive outcomes at 10 years of age in extremely preterm newborns with late-onset bacteremia. The Journal of Pediatrics, 187, 43-49.
32. Tilley, S. K., **Joseph, R. M.**, Kuban, K. C., Dammann, O. U., O'Shea, T. M., & Fry, R. C. (2017). Genomic biomarkers of prenatal intrauterine inflammation in umbilical cord tissue predict later life neurological outcomes. Plos One,12, e0176953.
33. Heeren, T., **Joseph, R. M.**, Allred, E. N., O'Shea, T. M., Leviton, A., & Kuban, K. C. (2017). Cognitive functioning at age 10 years among children born extremely preterm: A latent profile approach. Pediatric Research, 82, 614-621.
34. Akshoomoff, N., **Joseph, R.M.**, Taylor, H.G., Allred, E.N., Heeren, T., O'Shea, T.M., & Kuban, K.C.K. (2017). Academic achievement deficits and their neuropsychological correlates in children born extremely preterm. Journal of Developmental and Behavioral Pediatrics, 38, 627-637.
35. van der Burg, J. W., Jensen, E. T., van de Bor, M., **Joseph, R. M.**, O'Shea, T. M., Kuban, K., ... & Dammann, O. (2017). Maternal obesity and attention-related symptoms in the preterm offspring. Early Human Development, 115, 9-15.
36. Jensen, E. T., van der Burg, J. W., O'Shea, T. M., **Joseph, R. M.**, Allred, E. N., Heeren, T., ... & Extremely Low Gestational Age Newborns Study Investigators (2017). The relationship of maternal prepregnancy body mass index and pregnancy weight gain to neurocognitive function at age 10 years among children born extremely preterm. The Journal of Pediatrics, 187, 50-57.
37. Logan, J. W., Dammann, O., Allred, E. N., Dammann, C., Beam, K., **Joseph, R. M**., ... & Kuban, K. C. K. (2017). Early postnatal illness severity scores predict neurodevelopmental impairments at 10 years of age in children born extremely preterm. Journal of Perinatology, 37, 606-613.
38. Allred, E. N., Dammann, O., Fichorova, R. N., Hooper, S. R., Hunter, S. J., **Joseph, R. M.**, ... & Scott, M. N. (2017). Systemic inflammation during the first postnatal month and the risk of attention deficit hyperactivity disorder characteristics among 10 year-old children born extremely preterm. Journal of Neuroimmune Pharmacology, 1-13.
39. Scott, M. N., Hunter, S. J., **Joseph, R. M.**, O'Shea, T. M., Hooper, S. R., Allred, E. N., ... & Kuban, K. (2017). Neurocognitive correlates of attention-deficit hyperactivity disorder symptoms in children born at extremely low gestational age. Journal of Developmental & Behavioral Pediatrics, 38(4), 249-259.
40. Leviton, A., Hunter, S. J., Scott, M. N., Hooper, S. R., **Joseph, R. M.**, O'Shea, T. M., ... & Kuban, K. (2017). Observer variability identifying attention deficit hyperactivity disorder in 10-year old children born extremely preterm. Acta Paediatrica,106,1317-1322.
41. Leviton, A., Allred, E. N., **Joseph, R. M**., O'Shea, T. M., Kuban, K. C., & ELGAN Study Investigators. (2017). Newborn blood gas derangements of children born extremely preterm and neurocognitive dysfunctions at age 10 years. Respiratory Physiology & Neurobiology, 242, 66-72.
42. **Joseph, R. M.**, Korzeniewski, S. J., Allred, E. N., O'Shea, T. M., Heeren, T., Frazier, J. A., ... & ELGAN Study Investigators. (2016). Extremely low gestational age and very low birthweight for gestational age are risk factors for autism spectrum disorder in a large cohort study of 10-year-old children born at 23-27 weeks' gestation. American Journal of Obstetrics and Gynecology, *216*, 304-e1.
43. Kuban, K., **Joseph, R. M.**, O'Shea, T.M, Heeren,T., Fichorova, R. N., Douglass, L. M., Jara, H., Frazier, J., Hirtz, D., Rollins, J., & Paneth, N. (2016). Circulating inflammatory-associated proteins in the first month of life and cognitive Impairment at age 10 years in children born extremely preterm. Journal of Pediatrics, 180, 116-123.
44. Kim, S.H., **Joseph, R. M**., Frazier, J., O'Shea, M., Chawarska, K., Allred, E., Kuban, K., & Leviton, A. (2016). Predictive Validity of the Modified Ch.ecklist for Autism in Toddlers (M-CHAT) Born Very Preterm. Journal of Pediatrics, 178, 101-107
45. **Joseph, R. M.**, O'Shea, T. M., Allred, E. N., Heeren, T., Hirtz, D., Paneth, N., Leviton, A., & Kuban, K (2016). Prevalence and associated features of autism spectrum disorder in extremely low gestational age newborns at age 10 years. Autism Research,10, 224-232.

46. Kuban, K., **Joseph, R. M.**, O'Shea, T.M., Allred, E.N., Heeren,T., Douglass, L., Stafstrom, C. E., Jara, H., Frazier, J., Hirtz, D., Leviton, A. (2016). Girls and boys born before 28 weeks gestation: risks of cognitive, behavioral, and neurological outcomes at age 10 years. The Journal of Pediatrics, 173, 69-75.
47. **Joseph, R. M.**, O'Shea, T.M., Allred, E.N., Heeren, T., Hirtz, D., Jara, H., Levition, A. & Kuban, K. (2016). Neurocognitive and academic outcomes at age 10 years of extremely preterm newborns. Pediatrics, 137: e20154343.
48. Tager-Flusberg, H., Plesa Skwerer, D., **Joseph, R. M.**, Brukilacchio, B., Decker, J., Eggleston, B., Meyer, S. & Yoder, A. (2016). Conducting research with minimally verbal participants with autism spectrum disorder. Autism, 21, 852-861.
49. Maximo, J. O., Neupane, A., Saxena, N., **Joseph, R. M.**, & Kana, R. K. (2016). Task-dependent changes in frontal-parietal activation and connectivity during visual search. Brain Connectivity, 6, 335-344.
50. Keehn, B., & **Joseph, R. M.** (2016). Exploring what's missing: What do target absent trials reveal about autism search superiority? Journal of Autism and Developmental Disorders, 46, 1686-1698.
51. Keehn, B., & **Joseph, R. M.** (2015). Slowed search in the context of unimpaired grouping in autism: Evidence from multiple conjunction search. Autism Research, 9, 333-339.
52. Frazier, J. A., Wood, M. E, Ware, J., **Joseph, R. M.**, Kuban, K. C. O'Shea, M., Allred, E. N., & Leviton, A. (2015). Antecedents of the child behavior checklist-dysregulation profile in children born extremely preterm. The Journal of the American Academy of Child and Adolescent Psychiatry, 54, 816-823.
53. **Joseph, R. M.**, Fricker, Z., & Keehn, B. (2015). Activation of frontoparietal attention networks by nonpredictive gaze and arrow cues. Social cognitive and affective neuroscience, 10, 294-301.
54. **Joseph, R. M.**, Fricker, Z., Fenoglio, A., Lindgren, K., Knaus, T., & Tager-Flusberg, H. (2014). Structural asymmetries of language-related gray and white matter as related to language function in young children with ASD. Behavior and Brain Imaging, 8, 60-72.
55. McLean, R. L., Harrison, A. J., Zimak, E., **Joseph, R. M.**, & Morrow, E. M. (2014). Executive function in probands With autism with average IQ and their unaffected first-degree relatives. Journal of the American Academy of Child & Adolescent Psychiatry, 53(9), 1001-1009.
56. Viscidi, E. W., Triche, E. W., Pescosolido, M. F., McLean, R. L., **Joseph, R. M.**, Spence, S. J., & Morrow, E. M. (2013). Clinical characteristics of children with autism spectrum disorder and co-occurring epilepsy. PloS one, 8(7), e67797.
57. O'Shea, T. M., **Joseph, R. M.**, Kuban, K. C., Allred, E. N., Ware, J., Coster, T., ... & ELGAN Study Investigators. (2014). Elevated blood levels of inflammation-related proteins are associated with an attention problem at age 24 months in extremely preterm infants. Pediatric research, 75(6), 781-787.
58. Khan, S., Gramfort, A., … **Joseph, R. M.**, Herbert, M. R., Hämäläinen, M. S. & Kenet, T. (2013). Local and long-range functional connectivity are reduced in concert in autism spectrum disorders. PNAS, 110, 3107-3112.
59. Yu, T. W., Chahrour, M. H., Coulter, M. E., Jiralerspong, S., … **Joseph, R. M.**, ... & Walsh, C. A. (2013). Using whole-exome sequencing to identify inherited causes of autism. Neuron, 77, 259-273.
60. Kenet, T., Orekhova, E.V., Bharadwaj, H., Shetty, N.R., Israeli, E., Lee, A.K., Agam, Y., **Joseph, R.M.**, Hämäläinen, M.S., & Manoach D.S. (2012). Disconnectivity of the cortical ocular motor control network in autism spectrum disorders. Neuroimage, 61, 1226-1234.
61. Mattila, M.L., Kielinen, M., Linna, S.L., Jussila, K., Ebeling, H., Bloigu R., **Joseph, R.M.**, & Moilanen I. (2011). Autism spectrum disorders according to DSM-IV-TR and comparison with DSM-5 draft criteria: An epidemiological study. Journal of the American Academy Child and Adolescent Psychiatry, 50, 583-592.
62. Agam, Y., **Joseph, R. M.**, Barton, J., & Manoach, D. (2010). Reduced cognitive control of response inhibition by the anterior cingulate cortex in autism spectrum disorders. Neuroimage, 37, 599-610.
63. Weiss, L. A. et al. (2009). A genome-wide linkage and association scan reveals novel loci for autism. Nature, 461, 802-808.
64. Hadjikhani, H., **Joseph, R. M.**, Manoach, D. S., Naik, P., Snyder, J., Dominick, K., Hoge, R., Van de Stock, J., Tager-Flusberg, H., & de Gelder, B. (2009). Body expressions of emotion do not trigger fear contagion in autism spectrum disorder. Social Cognitive and Affective Neuroscience, 4, 70-78.
65. **Joseph, R. M.**, Keehn, B., Connolly, C. E., Wolfe, J. M., & Horowitz, T. S. (2009). Why Is visual search superior in autism spectrum disorder? Developmental Science, 12, 1083-1096.

66. Knaus, T. A., Silver, A. M., Dominick, K. C., Schuring, M. D., Shaffer, N., Lindgren, K. A., **Joseph, R. M.**, & Tager-Flusberg, H. (2009). Age-related changes in the anatomy of language regions in autism spectrum disorder. Brain Imaging and Behavior, 1, 51-63.
67. Keehn, B., & **Joseph, R. M.** (2008). Impaired prioritization of novel onset stimuli in autism spectrum disorder. Journal of Child Psychology and Psychiatry, 49, 1296-1303.
68. Thakkar, K. N., Polli, F. E., **Joseph, R. M.**, Tuch, D. S., Hadjikhani, N., Barton, J., Manoach, D. S. (2008). Abnormal response monitoring, repetitive behavior, and decreased microstructural integrity of white matter underlying anterior cingulate cortex in autism spectrum disorder. Brain, 131, 2464-2478.
69. Gotham, K., Risi, S., Dawson, G., Tager-Flusberg, H., **Joseph, R. M.**, Carter, A. et al. (2008). A replication of the Autism Diagnostic Observation Schedule (ADOS) revised algorithms. Journal of the American Academy of Child and Adolescent Psychiatry, 47, 642-651.
70. **Joseph, R. M.**, Ehrman, K., McNally, R., & Keehn, B. (2008). Affective response to eye contact and face recognition ability in autism spectrum disorder. Journal of the International Neuropsychology Society, 14, 947-955.
71. Morrow, E., Yoo, S-Y, Flavell, S. W., Kim, T-K, Lin, Y., Hill, R. S., Mukaddes, N. M., Balkhy, S., Gascon, G., Hashmi, A, Al-Saad, S., Ware, J., **Joseph, R. M.**, …. & Walsh, C. A. (2008). Identifying autism loci and genes by tracing recent shared ancestry. Science, 321, 218-223.
72. Hadjikhani, H., **Joseph, R. M.**, Snyder, J., & Tager-Flusberg, H. (2007). Abnormal activation of the social brain during face perception in autism. Human Brain Mapping, 28, 441-449.
73. Tager-Flusberg, H., Skewer, D. P., & **Joseph, R. M.** (2006). Model syndromes for investigating social cognitive and affective neuroscience: A comparison of autism and Williams syndrome. Social Cognitive and Affective Neuroscience, 1, 175-182.
74. Hadjikhani, H., **Joseph, R. M.**, Snyder, J., & Tager-Flusberg, H. (2006). Anatomical differences in the mirror neuron system and social cognition network in autism. Cerebral Cortex, 16, 1276-1282.
75. **Joseph, R. M.**, McGrath, L., & Tager-Flusberg, H. (2005). Executive dysfunction and its relationship to language impairment in school-age children with autism. Developmental Neuropsychology, 27, 361-378.
76. **Joseph, R. M.**, Steele, S., Meyer, E., & Tager-Flusberg, H. (2005). Self-ordered pointing in children with autism: Failure to use verbal mediation in the service of working memory. Neuropsychologia, 43, 1400-1411.
77. Splawski, I., Timothy, K., Sharpe, L., Necher, N., Kumar, P., Bloise, R., Napolitano, C., Schwartz, P. J., **Joseph, R. M.**, Condouris, K., Tager-Flusberg, H., Priori, S., Sanguinetti, M., & Keating, M. T. (2004). Cav1.2 calcium channel dysfunction causes a multisystem disorder including arrhythmia and autism. Cell, 119, 1-20.
78. Hadjikhani, H., **Joseph, R. M.**, Snyder, J., Chabris, C. F., Clark, J., Steele, S., McGrath, L., Vangel, M., Aharon, I., Fekzco, A., Harris, G J., & Tager-Flusberg, H. (2004). Activation of the fusiform gyrus when individuals with autism spectrum disorder view faces. NeuoImage, 22, 1141-1150.
79. Ozonoff, S., Cook, I., Coon, H., Dawson, G., **Joseph, R. M.**, Klin, A., McMahon, W. M., Minshew, N., Munson, J. A., Pennington, B. F., Rogers, S. J., Spence, M. A., Tager-Flusberg, Volkmar, F. R., & Wrathall, D. (2004). Performance on CANTAB subtests sensitive to frontal lobe function in people with autistic disorder: Evidence from the CPEA Network. *Journal of Autism and Developmental Disorders*, *34*, 139-150.
80. **Joseph, R. M.**, & Tager-Flusberg, H. (2004). The relationship of theory of mind and executive functions to symptom type and severity in children with autism. Development and Psychopathology, 16, 137-155.
81. Hadjikhani, H., Chabris, C. F., **Joseph, R. M.**, Clark, J., McGrath, L., Aharon, I., Fekzco, A., Tager-Flusberg, H., & Harris, G J. (2004). Early visual cortex organization in autism: An fMRI study. NeuroReport, 15, 267-270.
82. Tager-Flusberg, H., Plesa Skewer, D., Kaminski, S., & **Joseph, R. M.** (2003). People with Williams syndrome process faces holistically. Cognition, 89, 11-24.
83. Steele, S., **Joseph, R. M.**, & Tager-Flusberg, H. (2003). Brief report: Developmental change in theory of mind abilities in children with autism. Journal of Autism and Developmental Disorders, 33, 461-467.
84. **Joseph, R. M.**, & Tanaka, J. (2003). Holistic and part-based face recognition in children with autism. Journal of Child Psychology and Psychiatry, 44, 529-542.

85. Tager-Flusberg, H., & **Joseph, R. M**. (2003). Identifying neurocognitive phenotypes in autism. Philosophical Transactions of the Royal Society of London, B, 358, 303-314. (Also published as a contribution to Autism: Mind and Brain, U. Frith and E. Hill (Eds). Oxford: Oxford University Press,
86. Deutsch, C., & **Joseph, R. M.** (2003). Brief report: Cognitive correlates of enlarged head circumference in children with autism. Journal of Autism and Developmental Disorders, 33, 209-215.
87. **Joseph, R. M.** (1999). Neuropsychological frameworks for understanding autism. International Review of Psychiatry, 11, 309-325.
88. **Joseph, R. M.**, & Tager-Flusberg, H. (1999). Preschool children's understanding of the desire and knowledge constraints on intended action. British Journal of Developmental Psychology, 17, 221-243.
89. **Joseph, R. M.** (1998). Intention and knowledge in preschoolers' conception of pretend. Child Development, 69, 966-980.
90. **Joseph, R. M.,** & Tager-Flusberg, H. (1997). An investigation of attention and affect in children with autism and Down syndrome. Journal of Autism and Developmental Disorders, 27, 385-396.

Review Articles

1. Tager-Flusberg, H, **Joseph, R. M.**, & Folstein, S. (2001). Current directions in research on autism. Mental Retardation and Developmental Disabilities Research Reviews, 7, 21-29.
2. **Joseph, R. M.** (1999). Neuropsychological frameworks for understanding autism. International Review of Psychiatry, 11, 309-325.

Book Chapters

1. **Joseph, R. M.** (2011). The significance of IQ and differential cognitive abilities for the understanding of autism spectrum disorder. In D. Fein (Ed.), *The Neuropsychology of Autism.* Oxford: Oxford University Press.
2. **Joseph, R. M.**, & Tager-Flusberg, H. (2008). Face and gaze processing in autism. In T. Striano and V. Reid (Eds.), *Social Cognition: Development, Neuroscience and Autism.* Oxford: Blackwell.
3. Tager-Flusberg, H. & **Joseph, R. M.** (2005). Theory of mind, language, and executive functions in autism: A longitudinal perspective. In W. Schneider, R. Schumann-Hegsteler, and B. Sodian (Eds.). *Young children's cognitive development: Interrelationships among Executive Functioning, Working Memory, Verbal Ability, and Theory of Mind.* Mahwah, NJ: Lawrence Erlbaum Associates.
4. Tager-Flusberg, H. & **Joseph, R. M.** (2005). How language facilitates the acquisition of false belief in children with autism. In J. Atkinson & J. Baird (Eds.), *Why Language Matters for Theory of Mind.* Oxford: Oxford University Press.

PROCEEDINGS OF MEETINGS

1. Kuban, K., **Joseph, R. M.**, O'Shea, T.M., Allred, E.N., Heeren,T., Fichorova, R., Douglass, L., Jara, H., Frazier, J., Hirtz, D., Dammann, O., Paneth, N., Levition, A. (2016). *Circulating inflammatory-associated proteins in the first month of life predict cognition at 10 years in children born extremely preterm.* Child Neurology Society, Vancouver, B.C.
2. Keehn, B. & **Joseph, R. M.** (2016). *Exploring what's missing: What do target absent trials reveal about autism search superiority?* International Meeting for Autism Research, Baltimore, MD.
3. **Joseph, R**., Kuban, K., O'Shea, T.M., Heeren, T., Hirtz, D., Allred, E.N., Leviton, A. (2015). *Prevalence of autism spectrum disorder in extremely low gestational age newborns (ELGANs) at age 10 years.* Child Neurology Society, Washington, D.C.
4. O'Shea, T.M., Kuban, K., **Joseph, R.**, Allred, E.N., Heeren,T., Hirtz, D., Levition, A. (2015). *Neurocognitive impairments at 10 years of age in the extremely low gestational age newborn (ELGAN) cohort.* Child Neurology Society, Washington, D.C.
5. Kuban, K., **Joseph, R.**, O'Shea, T.M., Allred, E.N., Heeren, T., Hirtz, D., Leviton, A. (2015). *Among children born before 28 weeks gestation, girls have a lower risk of adverse neurocognitive and academic outcomes at age 10 years.* Child Neurology Society, Washington, D.C.
6. Redcay, E., Cloutier, J., O'Young, D. R., **Joseph, R. M.**, Mavros, P. L., Vogel-Farley, V., Dundas, E., Tager-Flusberg, H., Nelson, C. A., & Gabrieli, J. D. E. (2010). *The neural correlates of gaze*

perception in adolescents with autism spectrum disorder. 9th International Meeting for Autism Research, Philadephia, PA.

7. Grossman, R., Tager-Flusberg, H., **Joseph, R. M.** (2007). *Implicit and explicit processing of emotional facial and prosodic information in children with autism.* 37th Annual Meeting of the Jean Piaget Society, Amsterdam, Netherlands.
8. Horowitz, T., Wolfe, J., Keehn, B., Connolly, C., & **Joseph, R. M.** (2007). *Is superior visual search in autism due to memory in search?* Vision Sciences Society Meeting, Sarasota, Florida.
9. Keehn, B., Connolly, C., Fine, A., & **Joseph R. M.** (2007). *Slowed visual search in the absence of top-down information in autism.* 6th International Meeting for Autism Research, Seattle, WA.
10. Keehn, B., Connolly, C., Fine, A., & **Joseph R. M.** (2007). *Bottom-up modulation of attention in autism: Evidence of impaired prioritization of novel onset stimuli.* Biennial meeting of the Society for Research in Child Development, Boston, MA.
11. Lindgren, K. A., Knaus, T. A., Dominick, K., **Joseph, R. M.**, & Tager-Flusberg, H. (2007). *Investigation of the relationship between the asymmetry of language cortices and white matter structure in autism.* 6th International Meeting for Autism Research, Seattle, WA.
12. **Joseph, R. M.**, Keehn, B., & Connolly, C. (2006). *Mechanisms underlying superior visual search in autism.* 5th International Meeting for Autism Research, Montreal, Canada.
13. Keehn, B., Connolly, C., & **Joseph, R. M.** (2006). *Implicit face perception in autism.* 5th International Meeting for Autism Research, Montreal, Canada.
14. Morrow, E. M, Yoo, S.-Y., Ferland, R. J., Hill, R. S., Bodell, A., Apse, K. A., Al-Saad, S., Hashmi, A., Balkhy, S., Gascon, G., Motavalli, N., **Joseph, R. M.**, LeClair, E., Rappaport, L. A., Ware, J., & Walsh, C. A. (2006). *Identification of autosomal recessive genes for familial autism and mental retardation.* 5th International Meeting for Autism Research, Montreal, Canada.
15. Lindgren, K. A., Knaus, T. A., **Joseph, R. M.**, Silver, A., & Tager-Flusberg, H. (2006). *Investigation of the relationship between the asymmetry of the language cortex and white matter structure in children.* Human Brain Mapping Conference, Florence, Italy.
16. Thakkar, K. N., Polli, F.E., Barton, J. J. S., Cain, M. S., **Joseph, R. M.**, Hadjikhani, N., & Manoach D. S. (2005). *Abnormal anterior cingulate activity during error processing in autism spectrum disorder.* Society for Neuroscience 35th Annual Meeting, Washington, DC.
17. **Joseph, R. M.**, Ehrman, K., McNally, R., & Tager-Flusberg, H. (2005). *Affective response to eye contact in children with autism.* Biennial meeting of the Society for Research in Child Development, Atlanta, GA.
18. McNally, R., Keehn, B., Connolly, C., Dominick, K., & **Joseph, R. M.** (2005). *Affective dysregulation and repetitive behaviors in autism.* 4th International Meeting for Autism Research, Boston, MA.
19. **Joseph, R. M.**, Verbalis, A.., McNally, R., Keehn, B., Connolly, C., & Tager-Flusberg, H. (2005). *Developing a quantitative measure of face emotion recognition in autism.* 4th International Meeting for Autism Research, Boston, MA.
20. Lindgren, K. A., **Joseph, R. M.**, Knaus, T. A., Dominick, K., Shaffer, N., Silver, A., Kim, D. S., & Tager-Flusberg, H. (2005). *Structural integrity of language area connections in autism.* 4th International Meeting for Autism Research, Boston, MA.
21. Condouris, K., **Joseph, R. M.**, Ehrman, K., Connolly, C., & Tager-Flusberg, H. (2004). Facial speech processing in children with autism. 3nd International Meeting for Autism Research, Sacramento, CA.
22. **Joseph, R. M**. (2004). *Attentional, perceptual, and affective components of face processing in autism.* Meeting of the NIH Collaborative Programs of Excellence in Autism (CPEA) and Studies to Advance Autism Research and Treatment (STAART), Washington, D.C.
23. **Joseph, R. M.**, & McGrath, L. (2003). *Do language impairments contribute to executive function impairments in school-age children with autism?* Biennial meeting of the Society for Research in Child Development, Tampa, FL.
24. **Joseph, R. M.**, & Steele, S. (2003). *Verbal working memory strategies in children with autism: Evidence of a deficit.* Biennial meeting of the Society for Research in Child Development, Tampa, FL.
25. **Joseph, R. M.** (2003). *Faces and their communicative signals in autism.* Meeting of the NIH Collaborative Programs of Excellence in Autism, Los Angeles, CA.
26. Chabris, C., Aharon, I., Clark, J., Nakayama, K., Sepeta, L., Mignault, L., **Joseph, R. M.**, McGrath, L., Tager-Flusberg, H., & Harris, G. (2002). *Processing of Facial Expressions by Autistic and*

Normal Adults: Behavioral and FMRI Studies. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

27. Deutsch, C., Saunders, E., Lauer, E., **Joseph, R. M.**, & Tager-Flusberg, H. (2002). *Quantitative Assessment of Craniofacial Dysmorphology in Autism and SLI.* 2nd International Meeting for Autism Research, Orlando, FL. Evancie, L., Condouris, K., McGrath, L.., **Joseph, R. M.**, & Tager-Flusberg, H. (2002). *Verbal Fluency in Autism and Language Impairment.* 2nd International Meeting for Autism Research, Orlando, FL.
28. McGrath, L., **Joseph, R. M.**, Tadevosyan, O., Folstein, S., Tager-Flusberg, H. (2002). *Overlapping ADHD symptoms in autism: Relationship to executive functioning.* 2nd International Meeting for Autism Research, Orlando, FL.
29. Oross, S., **Joseph, R. M**., Lu, J., & Stromer, R. (2001). *Examining variations in perceptual organization processes though an analysis of strategic eye movements.* 34th Annual Gatlinburg Conference, Charleston, S.C.
30. **Joseph, R. M.**, Steele, S., & Tanaka, J. (2001). *Face recognition processes in children and adults with autism.* Annual Meeting of the Cognitive Neuroscience Society, New York, N.Y.
31. **Joseph, R. M.** (2001*). Face recognition processes in typically developing children and children with autism.* Biennial meeting of the Society for Research in Child Development, Minneapolis, MN.
32. **Joseph, R. M.** (2001). *Executive functions, language, theory of mind in autism: A longitudinal perspective.* Biennial meeting of the Society for Research in Child Development, Minneapolis, MN.
33. **Joseph, R. M.**, Tager-Flusberg, H., Lord, C., & Deutsch, C. (2001). *Cognitive profiles in children with autism: Evidence for a subgroup.* 1st International Meeting for Autism Research, San Diego, CA.
34. Condouris, K., Smith, J., **Joseph, R. M.**, & Tager-Flusberg, H. (2001). *Can children with autism read better than their language skills would predict?* 1st International Meeting for Autism Research, San Diego, CA.
35. **Joseph, R.M.**, Tager-Flusberg, H., & Lord, C. (2000). *Cognitive profiles and social-communicative functioning in children with autism.* Meeting of the NIH Collaborative Programs of Excellence in Autism, Denver, CO.
36. **Joseph, R. M.**, & Tager-Flusberg, H. (2000). *Executive function and theory of mind in autism: A longitudinal perspective.* Meeting of the NIH Collaborative Programs of Excellence in Autism, Denver, CO.
37. Meyer, E., & **Joseph, R. M.** (1999). *The development of theory of mind in preschoolers: Links with language and executive functions.* Biennial meeting of the Society for Research in Child Development, Albuquerque, N.M.
38. Tager-Flusberg, H., & **Joseph, R. M.** (1999). *A comparison of language abilities in high- and low-functioning children with autism.* Biennial meeting of the Society for Research in Child Development, Albuquerque, N.M.
39. **Joseph, R. M.** (1997). *Preschoolers' understanding of the intentionality of acts of pretend.* Biennial meeting of the Society for Research in Child Development, Washington, D.C.
40. **Joseph, R. M.**, & Tager-Flusberg, H. (1995). *Attention and affect in the social interactions of autistic children.* Biennial meeting of the Society for Research in Child Development, Indianapolis, IN.
41. **Joseph, R. M.**, & Tager-Flusberg, H. (1995). *Young preschoolers' limited concept of intended action.* Annual meeting of the American Psychological Society, New York, NY.