Journal Publications


Abstracts, Posters and Presentations

America College of Neuropsychopharmacology (ACNP) in Phoenix, Arizona. December.


Research Funding

1R21 MH099250-01 Solomon M (Pl), 9/1/12-11/31/14, (NCE) NIMH $175,000. The Neural Substrates of Higher-Level Learning in Autism. This grant uses neurocognitive and neuroimaging measures to examine neural mechanisms underlying higher-level learning deficits in adolescents with ASD. The significance of the work lies in the mechanistic models of ASD and in linking higher-level learning deficits to real-life outcomes in academic performance, social problem solving, and restricted interests and repetitive behaviors.

R324A120168 Mundy P (Pl); Solomon M (Senior Scientist), 3/1/12-2/28/16, IES $387,123. Virtual Reality Applications for the Study of Attention and Learning in Children and Adolescents with ASD. This grant will enable us to study social attention and its impact on class-room learning in children and adolescents with ASD.

Pilot Award Solomon M (Pl), 4/01/15-3/31/17 1.8 calendar, UCD Behavioral Health Center of Excellence, $100,000. Improving the Lives of Adults with Autism Spectrum Disorders and their Families: A Pilot Trial of the AdultSocial Knowledge (ASK) Workshop. This grant will allow us to Pilot test a waiting list control trial of an intervention to help adults with autism to improve their social and role functioning, mental health, and self-care.

1R01 Bales (Pl); Solomon M (Co-Investigator), 7/05/12-5/31/2017, NICHD, $360,780. Effects of Chronic Intranasal Oxytocin. This grant examines the long term effects of intranasal oxytocin in voles and titi monkeys to investigate the safety of their use as medications for humans with disorders involving social cognition.

1R01MH103284 Solomon M (Pl) 9/2014-8/31/19, NIMH $326,826. Predictors of Cognitive Development in Autism Spectrum Disorder. The goal of this study is to evaluate early neural predictors for middle childhood cognitive outcomes in a longitudinal study of children with ASD.

1R01MH103371 Amaral DG (Pl) 4/01/15–03/31/20, NIH $511,843. Neurophenotypic Trajectories and Behavioral Outcomes in Autism Spectrum Disorder. The goal of the proposed research is to determine whether identified neural phenotypes persist into middle childhood and are associated with the quality and severity of core and co-morbid behavioral impairments related to ASD.
Community Service

Abstract Reviewer, International Meeting for Autism Research
Member, Selection Committee, UC Davis Medical School Admissions
Representative for the Department of Psychiatry, UC Davis Academic Senate
Reviewer, American Journal of Psychiatry
Reviewer, Archives of General Psychiatry
Reviewer, Autism
Reviewer, Autism Research
Reviewer, Biological Psychiatry
Reviewer, Cognitive Development
Reviewer, Development and Psychopathology
Reviewer, Journal of Autism and Developmental Disorders
Reviewer, Neuropsychology