My talk will briefly review the behavioral and functional imaging data that inspired our hypothesis-driven analysis of brain structure in autism. I will describe our analysis of amygdala volume in autism and its relation to the general phenotype. I will then discuss possible implications of these findings and the implementation of more sophisticated structural imaging techniques (diffusion tensor imaging and magnetic resonance spectroscopy) to try to make predictions about the tissue level differences in the brains of autistic individuals.

Everyone is welcome. If you like to give a talk or be on the mailing list, please contact Moo Chung mchung@stat.wisc.edu.