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Our Laboratory has been working on several multisite cognitive neuroimaging projects in Italy. The fellow will learn how to evaluate the quality control of MR data being collected for the different projects as well as will be guided on implementing the acquisition protocols of the neuroimaging data. She/He will also learn computer programs to post-process and quantify structural MRI and MRS data. Specifically, this includes implementing automated procedures to tissue segment MRI data and to map the information on the MRS data and procedures to quantify MRS data. The fellow will moreover learn to implement a database system to integrate and manage the output measurements of the structural MRI and MRS data for statistical analyses. Finally the fellow will have the opportunity to rotate on a unique psychiatric facilities including inpatients, outpatients, day-hospital and rehabilitative units.