**RESOURCE SHARING PLAN: SECONDARY DATA ANALYSIS**

1. **Summary of data to be shared**

The NIMH Data Archive (NDA) will be the primary repository for all raw imaging data, data derived from those images, and study results for manuscripts based on our results.

We will add two privately held datasets to NDA during Y1Q1 of funding. Data from a total of 155 research participants are contained in these data sets. Participants were consented for broad data sharing. These are MRI datasets of patients with major depressive disorder, from whom MRI scans were obtained before and after treatment. Data analysis will also occur on data deposited as part of NDA collection 2844 and NDA collection 2847. Source data from all these separate cohorts in NDA will be linked in a single NDA study for the proposed analyses.

1. **Standards/Data Dictionaries to be Used**

Since these data sets were collected prior to the publication of NOT-MH-20-067, not all of the common data elements expected by that Notice are available. However, we will transform some existing demographic data into the formats expected for

1. Age (ndar\_subject01)
2. Sex at Birth (ndar\_subject01).

Information from the Beck Depression Inventory will be deposited for all 155 newly deposited subjects using the NDA defined bdi01. Deposited images will use the NDA defined image03 data dictionary. Data derived from the MRI images will be deposited into NDA using the imagingcollectio01 data dictionary.

1. **Validation Schedule**

Since this is a secondary data analysis application, validation of newly collected data will not occur.