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Before the Fall: Anticipatory Brain Roles in Reactive Balance Control

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Data Management Plan

Project Title: Before the Fall: Anticipatory Brain Roles in Reactive Balance Control

Consistent with the NIH Grant Policy on Sharing of Unique Research Resources, we are committed to sharing project findings and experimental strategies with interested colleagues. The current proposal (Grant Number: 1R21AG061688-01) will involve the collection of physical performance data from human subjects. This will include electromyography to measure muscle activation in the upper and lower limbs, along with data from external force sensors. These data will be saved as digital files, and maintained in one or more of three locations: an encrypted external hard drive, a locked filing cabinet in the PI's primary office, and on Box.com which is a cloud storage system used by Utah State University. Box.com ensures data integrity, includes version control, and is password controlled, encrypted and HIPAA compliant. The data will be available for public access via Digital Commons. All data stored for public access will be de-identified. A data-sharing plan will be in place which will require that outside investigators to use the data only for research purposes, that they only use de-identified data, and that they appropriately secure the data.