



WASHINGTON UNIVERSITY IN ST. LOUIS

Institute of **C**linical and **T**ranslational **S**ciences



## The **B**rain, **B**ehavior and **P**erformance **U**nit

### Department of Neurology

#### What is BBPU?

The Brain, Behavior and Performance Unit (BBPU) is a unit within the Institute of Clinical and Translational Sciences (ICTS), which was created to provide specialized expertise in the performance of clinical research of the nervous system, including neurologic, psychiatric and psychometric domains. The BBPU provides collaboration, consultation or specific testing covering neurologic, psychiatric and psychometric domains as well as training in all of these areas. The facility also includes specialized testing for muscle strength and function, quantified measures of movement, including gait, performance-based measures of daily living ac-

tivities and quality-of-life measures. In addition, the BBPU will provide key infrastructure support for these research studies, including common database collection, retrieval and transfer of all research information, and technical personnel to implement these measurements.

#### Services Provided by BBPU

- Consultation for designing studies using BBPU.
- Training for investigators, trainees and research coordinators.
- Performance based measures of activities of daily living.
- Neurologic evaluations including multiple standard rating scales of movement, mental status and mood.
- Structured psychiatric interviews, limited.
- Specialized testing for muscle strength and function.
- Psychometric testing.
- Quantified measures of movement, including gait.
- Quality-of-life measures.
- Key infrastructure support for research studies, including common database collection, retrieval and transfer of research information.
- Consultations for collaborative studies.
- Regulatory document assistance.

#### Contact BBPU

We are located at the lower level of McMillan Hospital, 517 S. Euclid Avenue.

For any service request or questions, please contact

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#### People of BBPU

**Joel S. Perlmutter, MD**  
Director (neurologic evaluations)

**Ling Yan, PhD**  
Head Coordinator

**Johanna Hartlein, BSN, FNP**  
Consultation

**Kevin Black, MD**  
Psychiatric Evaluations

**Tamara Hershey, PhD**  
Psychometric Testing

**Gammon Earhart, PhD**  
Motor Physiology

**Carolyn Baum, PhD**  
Performance based evaluation of activities of daily living

**Julaine Florence, DPT, PhD**  
Quantified muscle strength testing, peripheral nerve & muscle electrophysiologic testing