

Technology in Education

ADC Education Core Meeting

October 8, 2009

Baltimore, Maryland

**University of California
San Francisco**



**Department of Neurology
Memory and Aging Center**

“Neurology is Visual”



The Gold Standard



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Utilization behavior



Description

Utilization behavior (UB) is a behavior disorder in which a patient has difficulty resisting their impulse to "utilize" objects which are in their visual field and within reach. Patients with UB are reaching out and automatically using objects in the environment in an "objective-appropriate" manner that is inappropriate for the situation. UB has sometimes been described in the context of a more global environmental dependency syndrome (EDS). In one EDS example, a patient began to undress and get into a bed upon entering a room in the friend's house. EDS is a kind of UB involving more complex sequences of motor behavior. UB is usually seen in patients with frontal lobe damage. The mechanism of the UB is an imbalance between frontal (internally generated) and parietal (externally or environmentally driven) systems. Abnormal behaviors may be triggered by externally oriented systems responsive to environmental input, if there is a loss of frontally based inhibitory controls that mediate more purposeful, volitional, and internally generated behavior. Brain

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CLE Collaborative Learning Environment

UCSF-CLE ► BNTP

The UCSF Neurobehavioral Rotation provides an opportunity for medical students (neurology elective), neurology residents (neuropsychology rotation) and psychiatry interns (neurology rotation) to explore brain-behavior relationships in neurodegenerative disorders. Rotators receive instruction on dementia subtypes, cognitive assessment, psychopharmacology and neuropathology. To apply this knowledge, students participate in multi-disciplinary clinics, during which they observe and perform neurobehavioral histories and examinations. Clinicians provide feedback and guidance, supplementing differential diagnoses and plans for intervention.

ACTIVITIES

- Books
- Forums
- Questionnaires
- Quizzes
- Resources

TOPIC OUTLINE

The **UCSF Behavioral Neurology Training Program (BNTP)** is a two-year program designed to prepare neurologists to pursue a research career in behavioral neurology. The BNTP is certified by the United Council on Neurologic Specialties (UCNS). Fellow supervision and evaluation is provided by the Program Director (Bruce Miller, MD) and Co-Director (Howard Rosen, MD), in addition to a research advisor chosen by the trainee.

The **UCSF Neuropsychology Training Program** in the Department of Neurology provides both postdoctoral and pre-doctoral training in neuropsychology. Fellow supervision and evaluation is provided by the Program Director (Joel Kramer, PsyD)

The **UCSF Neurobehavioral Rotation** provides an opportunity for medical students (neurology elective), neurology residents (neuropsychology rotation) and psychiatry interns (neurology rotation) to explore brain-behavior relationships in neurodegenerative disorders. Rotators receive instruction on dementia subtypes, cognitive assessment, psychopharmacology and neuropathology. To apply this knowledge, students participate in multi-disciplinary clinics, during which they observe and perform neurobehavioral histories and examinations. Clinicians provide feedback and guidance, supplementing differential diagnoses and plans for intervention. Rotator supervision and evaluation is provided by Bruce Miller, MD, Gil Rabinovici, MD and Tamara Scott, Practice Manager.

For more information on any of these programs, please see our website, call (415) 476-6880 or email us.

Please remember to check the calendar for scheduled didactic sessions and clinical sessions.

News forum

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Pre-Course Evaluation

This pre-test is just for our research to understand how well we are teaching. You will be given a grade for the test, pre and post, but it will not affect your grade for the training program. It is to help you measure your

PEOPLE

Participants

CALENDAR

October 2009

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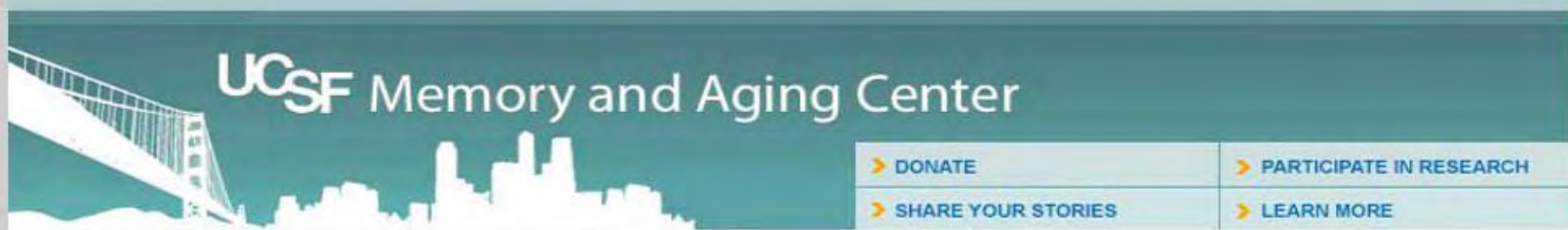
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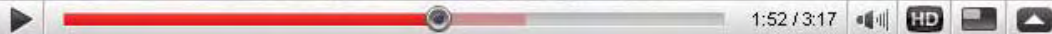
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THANK YOU

**Bruce Miller, MD
Howie Rosen, MD
Gil Rabinovici, MD
Rosalie Gearhart
Joe Hesse
Tamara Scott
Shenly Glenn**

University of California
San Francisco



Department of Neurology
Memory and Aging Center