

## **THE FOCUS PROJECT: A Mindfulness Approach to HIV Treatment Side Effects**

**PI:** Mallory Johnson, PhD

**CO-PI:** Rick Hecht, MD

**CO-Is:** Judy Moskowitz, PhD and Torsten Neilands, PhD

**PROJECT STAFF:** Eunice Stephens (Project Manager); Greg Austin (Recruiter); Angela Allen, Christina Chung and Kelly Sharp (Interviewers).

### **PROJECT DESCRIPTION**

The Focus Project, funded by the National Center for Complementary and Alternative Medicine at the NIH, is a randomized controlled trial to test the efficacy of a Mindfulness-Based Stress Reduction (MBSR) intervention in reducing HIV treatment side effects and side effect-related distress.

The intervention is a standardized series of 8 weekly MBSR sessions, 2.5-3 hours long, held at the Osher Center for Integrative Medicine. The course also includes daily home assignments of formal and informal meditation practice. MBSR is a program that provides systematic training in mindfulness meditation as a self-regulation approach to reduction of stress and medical and psychological symptoms. MBSR draws on centuries-old meditation practices, particularly Buddhist Vipassana and Zen practices, but adapts these practices to a Western audience. It aims to teach participants to respond to stressful situations “mindfully” – a state in which one focuses on the present moment, accepting and acknowledging it without getting caught up in thoughts that are about the situation or emotional reactions – to enable people to respond to the situation making conscious choices instead of automatic responses. The findings from this study will provide evidence that MBSR may allow more conscious and adaptive coping behavior that reduces HIV treatment side effect-related distress.

We will enroll 100 HIV+ adults taking antiretroviral medications, and will evaluate the impact of the MBSR intervention on side effects, quality of life and medication adherence. Participants are assessed at baseline and at 3- and 6-month follow-up periods. Psychosocial and behavioral variables are assessed via computerized (ACASI/CAPI) interviews at the CAPS project offices.

### **SIGNIFICANCE**

Challenges associated with antiretroviral therapy for HIV, such as treatment side effects, impact quality of life and adherence to care, and they influence decisions about health care. Decreases in medical and psychological symptoms have been observed following MBSR in a wide range of illness contexts, but the approach has not been applied rigorously to HIV. Addressing HIV treatment side effects through MBSR is a logical yet untested next step in complementary and alternative medicine research.

**PROJECT RECRUITMENT DATES:** May 2006 – March 2008

**PROJECT END DATE:** August 2008