

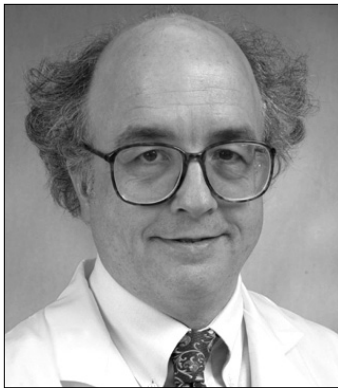


Jefferson | Myrna Brind Center
of Integrative Medicine

Integrative Medicine Grand Rounds

presents

Light and Health: Effects of wavelength on human biology, behavior and therapeutic responses



Presenter:

George C. Brainard, Ph.D.

Professor of Neurology, Jefferson Medical College, Thomas Jefferson University

Dr. Brainard is a Professor in the Departments of Neurology, and Pharmacology and Experimental Therapeutics at Jefferson Medical College of Thomas Jefferson University. He is also the Director of Jefferson's Light Research Program where he is currently developing the lighting applications for the new Crew Exploration Vehicle, International Space Station and future space environments including the manned mission to Mars with NASA.

Overall Goals and objectives:

- 1) Develop an understanding of light as a therapeutic agent and its use in clinical and nonclinical applications
- 2) Learn the anatomy and physiology of the newly discovered human circadian photosensory system
- 3) Understand the potential role of this sensory system in the use of phototherapy for treating fall and winter depression
- 4) Understand the potential role of this sensory system in treating sleep and circadian disruption in astronauts

Jefferson Medical College of Thomas Jefferson University is accredited by the ACCME to provide continuing medical education for physicians.

Jefferson Medical College designates this educational activity for a maximum of 1 *AMA PRA Category Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

October 20, 2006 8:00 – 9:15 am

Solis-Cohen Auditorium

Jefferson Alumni Hall

1020 Locust Street

For more information, please call 215-955-3014.



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