

Seventeenth Annual Summer Training Course in Experimental Aging Research

June 13-18, 2009

Buck Institute for Age Research, Novato, CA



The Summer Training Course provides intense exposure to current concepts in experimental aging research for 15-20 research scientists. It is designed primarily for junior faculty and advanced fellows with at least two years postdoctoral experience in cell or molecular biology or a related field. Senior scientists who wish to learn about current aging research are also welcome.

Each day includes: *i)* overview lectures on a pivotal topic in modern aging research; *ii)* development workshops at which students present research ideas and plans for constructive critique; *iii)* faculty research talks on selected topics.

Faculty for the 2009 course include: Steven Austad, Judith Campisi, Pankaj Kapahi, Richard Miller and Peter Rabinovitch with additional guest lectures by local faculty. Faculty director: Dr. Judith Campisi. No course fee. Travel, lodging and meals are covered by funds from the National Institute on Aging and Buck Institute's Nathan Shock Center.

Preliminary course topics include:

- evolutionary biology of aging
- genomic damage and aging
- invertebrate models to study aging
- how to design an animal experiment
- role of mitochondria in aging
- comparative biology of aging
- epigenetic damage and aging
- calorie restriction and nutrients
- stress resistance and longevity
- role of telomeres in aging

Application deadline: April 1, 2009

Application requirements: CV, publication list, 1-page description of research interests, and 1 letter of recommendation.

Send application by email to: mphillips@buckinstitute.org

For inquiries call STC Administrator, Miriam Phillips: 415-209-2043

<http://www.buckinstitute.org>