



COURSE LECTURERS

Steve Austad, Ph.D.
University of Alabama at Birmingham

Holly Brown-Borg, Ph.D.
University of North Dakota

Gary Churchill, Ph.D.
The Jackson Laboratory

Monica Driscoll, Ph.D.
Rutgers University

Leonard Guarente, Ph.D.
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Malene Hansen, Ph.D.
Sanford Burnham Prebys Medical Discovery Institute

Pankaj Kapahi, Ph.D.
Buck Institute for Research on Aging

William Mair, Ph.D.
Harvard University

Rick Morimoto, Ph.D.
Northwestern University

James Nelson, Ph.D.
UT Health Science Center

LABORATORY INSTRUCTORS

Cheryl Ackert-Bicknell, Ph.D.
University of Rochester

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Harvard University

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Dave Harrison, Ph.D.
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Jason Karpac, Ph.D.
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Ron Korstanje, Ph.D.
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Jarod Rollins, Ph.D.
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George Stuphin, Ph.D.
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Comparative and Experimental Approaches to Aging Biology Research

An Applied Laboratory in Aging Research Models

June 19 - July 3, 2016

Organizing Chair: Aric Rogers Ph.D., MDI Biological Laboratory

Co-Organizer: Ron Korstanje, Ph.D., The Jackson Laboratory

This new hands-on research training course brings together leading scientists and students to explore established and emerging aging research model systems. Held near Acadia National Park in Bar Harbor, Maine, the course emphasizes research using diverse experimental approaches and systems. Within this dynamic environment participants will:

- examine, characterize and compare mechanisms relevant to the biology of human aging in systems including *C. elegans*, *Drosophila*, African Turquoise killifish, and mice;
- gain practical guidance regarding the analysis of big data used in conjunction with modern experimentation (e.g., RNAseq, QTL, GWAS);
- become empowered to incorporate new systems and technology (CRISPR, microinjection, mRNA translation profiling, quantitative fluorescence microscopy, and more) into their program of research;
- learn to utilize and develop new metrics of healthspan in application to aging research, and
- become part of a growing network of colleagues within the aging research community.

More Information

Details on the use of specific model systems, technology and aging paradigms addressed in the course, as well as the online application, are available at <https://mdibl.org/course/aging2016>.

Applications will be reviewed on a rolling basis until March 1, 2016. Senior graduate students, postdocs, and junior faculty are encouraged to apply. **Maximum enrollment is 16, so apply now!**

INQUIRIES:

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