

# 31<sup>st</sup> Annual NIA Summer Training Course in Experimental Aging Research

Hosted by the Healthy Aging and Longevity Institute (HALO) at the  
University of Washington in Seattle, WA

September 8-13, 2024

Application deadline: July 8, 2024

The 31<sup>st</sup> Annual Summer Training Course provides intense exposure to current concepts in experimental aging research to approximately 20 research scientists to facilitate development of independent research programs in the basic biology of aging. It is primarily designed for junior faculty and advanced fellows with at least two years of postdoctoral experience in the mechanisms of aging and disease. Senior scientists just entering the aging field are also welcome to apply.

The curriculum will include: 1) overview lectures on important topics in modern aging research; ii) development workshops where trainees present a research proposal and receive critical feedback by experienced workshop faculty; iii) faculty research talks and topics focused on mentoring and career development. The faculty for the 2024 course includes leading scientists in the aging and longevity research community.

There is **NO COURSE FEE**. Travel and accommodations are sponsored by a grant from the National Institute on Aging and meals and networking events are supported by sponsors.

## **COURSE TOPICS INCLUDE:**

- Cell Senescence and Aging (Laura Niedernhofer, PhD)
- Neurodegeneration and Human Cell Models (Jessica Young, PhD)
- Artificial Intelligence and the Biology of Aging (Su-In Lee, PhD)
- mtDNA in Aging and Disease (Jonathan Wanagat, MD)
- Metabolism and Aging (Alessandro Bitto, PhD)
- Autophagy and Aging (Malene Hansen, PhD)
- Cell Heterogeneity in Aging (Alex Mendenhall, PhD)
- Dogs as a Model for Human Aging (Daniel Promislow, PhD)
- Cardiac Aging (Ann Chiao, PhD)

## **APPLICATION REQUIREMENTS:**

- 1) Biosketch or CV including publications.
- 2) At least one letter of recommendation.
- 3) One page NIH style Specific Aims page outlining a hypothesis and specific aims for a research project (e.g. K01, K08, K99/R00, etc.) that you are planning. The course will provide expert feedback on your grant application plans similar to an NIA study section. You may also send a supplemental description of your research interests (maximum one-page).

**Email application to Jeannie Evans: [jeannie-evans@omrf.org](mailto:jeannie-evans@omrf.org)**

**Direct course inquiries to: Holly Van Remmen, PhD: [Holly-VanRemmen@omrf.org](mailto:Holly-VanRemmen@omrf.org)**

For administrative information contact:  
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