

THE UNIVERSITY OF MICHIGAN

*Regents Communication*

**ACTION REQUEST**

**Subject: Report of Faculty Retirement**

**Action Requested: Adoption of Retirement Memoir**

**Philip J. Gage, Ph.D.**, associate professor of ophthalmology and visual sciences and associate professor of cell and developmental biology in the Medical School, retired from active faculty status on December 31, 2021.

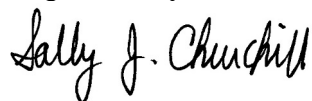
Dr. Gage received his B.S. (1981) and Ph.D. (1992) degrees from the University of Michigan. From 1981-86, he was a clinical electron microscopist in the Department of Pathology at the University of Michigan Medical School. Dr. Gage served his entire academic career at the University of Michigan Medical School. He was an assistant research scientist in the Department of Human Genetics (1992-2002) and the Department of Ophthalmology and Visual Sciences (2002-03). He was appointed an assistant professor in 2003, and was promoted to associate professor in 2009.

Dr. Gage is a developmental geneticist who led an independent research program designed to identify the genes and molecular mechanisms that control the formation of essential structures during vertebrate embryogenesis. Using this approach, Dr. Gage first identified the genes and molecular mechanisms that control the development of neuroendocrine cell lineages of the anterior pituitary gland. These cells regulate the growth and function of numerous organs and tissues throughout the body that are critical for normal body homeostasis. Dr. Gage identified the genes and determined the molecular mechanisms that control the development of structures within the anterior segment of the eye, which, when deficient, contribute to a high risk for glaucoma. Dr. Gage's publications are widely cited, and he is considered an authority on the developmental biology of the anterior pituitary gland and eye.

Dr. Gage made substantial contributions to his departments, the Medical School and the university, including service on multiple thesis committees, the Medical School's Biomedical Research Committee, and the university's Institutional Animal Care and Use Committee.

The Regents now salute this distinguished developmental geneticist for his dedicated service by naming **Philip J. Gage, associate professor emeritus of ophthalmology and visual sciences**.

**Requested by:**



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**Sally J. Churchill, J.D.**

**Vice President and Secretary of the University**

**February 2022**