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Boston University School of Medicine News



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FOR IMMEDIATE RELEASE:

Newton resident Martin L. Feldman, Ph.D., an associate professor of anatomy at Boston University School of Medicine (BUSM), was recently awarded a grant from the U.S. Public Health Service for the second year of his ongoing study on the degeneration of rat vision with advancing age.

Feldman's research has demonstrated that visual cells in the brain exhibit degenerative changes with advancing age. These changes involve both large scale and microscopic deterioration of nerve cell processes that enable the cell to respond to visual stimuli. As a result, affected brain cells cannot receive information from as wide an area in the brain as is true of younger cells.

A 1958 graduate of Brown University, where he was awarded the Susan Colver Rosenberger Prize for experimental psychology, Feldman received his M.A. and Ph.D. degrees in physiological psychology from Boston University. He completed two post-doctoral programs in neuroanatomy and holds a Research Career Development Award from the National Institutes of Health.

Feldman is a member of several professional organizations, including the International Brain Research Organization, the Royal Microscopical Society, the American Association of Anatomists, the Gerontological Society and the Society for Neuroscience.

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Feldman recently returned from a sabbatical leave at Cambridge University in England and Goethe University in Frankfurt, Germany. He studied nerve cell aging in the human cerebral cortex and aging changes in the nerve supply to the human heart.

He and his wife, Caryl-Ann, live with their two children, Deborah and Andrew, on Hanson road.

Boston University School of Medicine is the site of several major interdisciplinary research centers, including the Hubert H. Humphrey Cancer Research Center and the Cardiovascular Institute of Boston University. The School is an innovator in medical education, offering several alternative curricula leading to the M.D. degree.

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