

Patricia A. D'Amore, Ph.D., M.B.A., FARVO



Charles L. Schepens Professor of Ophthalmology, Professor of Pathology
Co-Director, HMS Ophthalmology AMD Center of Excellence
Vice-Chair of Basic Research, Department of Ophthalmology
Harvard Medical School

Director, Howe Laboratory
Associate Chief of Basic and Translational Research
Mass. Eye and Ear

Director of Research
Ankeny Scholar of Retinal Molecular Biology
Senior Scientist
Schepens Eye Research Institute

Dr. Patricia D'Amore grew up in Everett, Massachusetts and received a B.A. in 1973 from Regis College in Weston, MA. She then obtained a Ph.D. in Biology from Boston University in 1977, followed by a postdoctoral fellowship in Biological Chemistry and Ophthalmology at Johns Hopkins Medical School. In 1980, she joined the staff at Johns Hopkins as Assistant Professor of Ophthalmology. In 1981, she moved to the Folkman Lab at Children's Hospital in Boston as an Assistant Professor of Pathology and today still remains a Research Associate in Surgery there. In 1987, Dr. D'Amore obtained an MBA from Northeastern University.

In addition to her scientific achievements, Dr. D'Amore has long been committed to her role as mentor and teacher. Since 1993, she has been a Member of the Biological and Biomedical Sciences Program, serving as Chair of the Admissions Committee, Chair of the Curriculum Committee, and Member of the Steering Committee. Also at Harvard Medical School she is an active member of the Minority Recruitment Committee, Joint Committee on the Status of Women, Faculty Committee on Student Research, Summer Honors Undergraduate Research Program (SHURP), Henry K. Beecher Prize in Medical Ethics Committee, Selection Committee for the Eleanor and Miles Shore Fellowship Program for Scholars in Medicine, and the Faculty Diversity Committee. Harvard Medical School awarded Dr. D'Amore the A. Clifford Barger Excellence in Mentoring Award in 2006, and the Everett Mendelsohn Excellence in Mentoring Award in 2012.

Each year since 1994, Dr. D'Amore has been a Lecturer at the Marine Biology Laboratory in Woods Hole, Massachusetts where she teaches Research Update in Neuroscience for Neurosurgeons. In October, she will begin a term as a permanent member of the Biology and Diseases of the Posterior Eye Study Section.

In 1998, Dr. D'Amore became a Professor of Ophthalmology & Pathology at Harvard Medical School, and a Senior Scientist at the Schepens Eye Research Institute. In 1999, she was awarded the Jules and Doris Stein Research to Prevent Blindness Professorship. In 2000, she became the Co-chair of the Angiogenesis, Invasion & Metastasis Program at the Dana Farber/Harvard Cancer Center, and, in 2003, she became Chair. She also became the Associate Director of the Leder Human Biology & Translational Medical Program at Harvard Medical School in 2003. In 2004, Dr. D'Amore was elected to The Academy at Harvard Medical School. She is the founder of the Boston Angiogenesis Meeting, which celebrated its 17th annual meeting this year. In 2005, she was the recipient of The Excellence Award at the Schepens Eye Research Institute and the Senior Scholar Award from the Research to Prevent Blindness.

In November of 2012, Dr. D'Amore was elected Director of Research of the Schepens Eye Research Institute. The following year she received the Everett Mendelsohn Excellence in Mentoring Award from Harvard Medical School, and delivered the Hans Vilbertn Lecture at the University of Regensburg in Bavaria. In addition, she received the Women Physicians Sector Mentorship Award from the American Medical Association, and was chosen for the Marcelle Jay Room Display Celebrating Women in Ophthalmology from University College London. In 2014, Dr. D'Amore was the recipient of the Endre Balazs Prize from the International Society for Eye Research, as well as a Laureate of the António Champalimaud Award.

In May, 2015, the Association for Research in Vision and Ophthalmology (ARVO) awarded Dr. D'Amore their highest award, The Proctor Medal. This prestigious award honors outstanding research in the basic or clinical sciences as applied to ophthalmology. This was the first ophthalmology-related award to honor non-clinicians in the field. Dr. D'Amore presented the Proctor Award Lecture at the 2015 ARVO Annual Meeting and received the Proctor Medal in a special ceremony.

Dr. D'Amore is currently Director of the Howe Laboratory at Mass. Eye and Ear, as well as the Director of Research, Senior Scientist and the Ankeny Scholar of Retinal Molecular Biology at Schepens. Her research focuses on understanding the mechanism of vascular growth and development. She is particularly interested in the role of polypeptide growth factors such as VEGF and TGF- β and in investigating the contribution of cell-cell interactions in the cells of the vasculature. She has over 211 publications to her credit, some of which have appeared in journals such as Nature Medicine, Journal of Clinical Investigation, Development, and Journal of Cell Biology.

Education

Ph.D., 1977, Boston University

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