

Stanford



Artis A. Montague, MD, PhD

Clinical Professor, Ophthalmology

CLINICAL OFFICE (PRIMARY)

- **Stanford Byers Eye Institute**

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Bio

CLINICAL FOCUS

- Ophthalmology
- Cataract
- Cataract Surgery
- Laser Cataract Surgery
- Femtosecond Laser

ACADEMIC APPOINTMENTS

- Clinical Professor, Ophthalmology

ADMINISTRATIVE APPOINTMENTS

- Ophthalmology Delegate, Stanford OR Committee, (2008- present)
- Director, Cataract Surgery Service, (2010- present)
- Clinic Chief, Department of Ophthalmology, (2007-2022)
- Director, Byers Eye Surgery Center at Stanford, (2012- present)

PROFESSIONAL EDUCATION

- Medical Education: Yale School Of Medicine (2001) CT
- Residency: Stanford University Ophthalmology Residency (2005) CA
- Internship: St Mary's Medical Center Internal Medicine Residency (2002) CA
- Board Certification: Ophthalmology, American Board of Ophthalmology (2006)
- MD, Yale University (2001)
- PhD, Yale University , Neuroscience (1999)
- BA, Amherst College , Neuroscience (1991)

COMMUNITY AND INTERNATIONAL WORK

- US Eye Care and Cataract Surgery, Fiji
- International Cataract Surgery, Guatemala
- Thimphu Hospital, Bhutan
- Arbor Clinic

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Multicenter Catalys Consortium Trial - To compare femtosecond laser assisted cataract surgery with conventional cataract surgery

Publications

PUBLICATIONS

- **Liquid-biopsy proteomics combined with AI identifies cellular drivers of eye aging and disease in vivo.** *Cell*
Wolf, J., Rasmussen, D. K., Sun, Y. J., Vu, J. T., Wang, E., Espinosa, C., Bigini, F., Chang, R. T., Montague, A. A., Tang, P. H., Mruthyunjaya, P., Aghaeepour, N., Dufour, et al
2023
- **Biobanking of Human Aqueous and Vitreous Liquid Biopsies for Molecular Analyses.** *Journal of visualized experiments : JoVE*
Wolf, J., Chemudupati, T., Kumar, A., Rasmussen, D. K., Wai, K. M., Chang, R. T., Montague, A. A., Tang, P. H., Bassuk, A. G., Dufour, A., Mruthrunjaya, P., Mahajan, V. B.
2023
- **Immunoprofiling of Nonarteritic Anterior Ischemic Optic Neuropathy.** *Translational vision science & technology*
Mesentier-Louro, L. A., Stell, L., Yan, Y., Montague, A. A., de Jesus Perez, V., Liao, Y. J.
2021; 10 (8): 17
- **Immunoprofiling of Nonarteritic Anterior Ischemic Optic Neuropathy**
Mesentier-Louro, L., Stell, L., Yan, Y., Montague, A., Perez, V., Liao, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2021
- **Multimodal Imaging of Posterior Dislocation of Crystalline Lens Nucleus following Vitrectomy.** *Journal of ophthalmic & vision research*
Karth, P. A., Swinney, C. C., Montague, A. A., Moshfeghi, D. M.
2015; 10 (2): 197-199
- **Comparison of One-Day Versus One-Hour Application of Topical Gatifloxacin in Eliminating Conjunctival Bacterial Flora** *11th Annual Meeting of the American-Academy-of-Ophthalmology*
Moss, J. M., Nguyen, D., Liu, Y. I., Singh, K., Montague, A., Egbert, P. R., de Kaspar, H. M., Ta, C. N.
ELSEVIER SCIENCE INC.2008: 2013-16
- **Prospective comparison of topical moxifloxacin in eliminating conjunctival bacterial flora following a one-day or one-hour application** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology*
Ta, C. N., Chan, I., Dhatt, H. S., Paterno, J., Fisher, E., Singh, K., Montague, A., Egbert, P. R., Cockerham, G., de Kaspar, H. M.
MARY ANN LIEBERT INC.2008: 427-31
- **CustomVue laser in situ keratomileusis treatment after previous keratorefractive surgery** *JOURNAL OF CATARACT AND REFRACTIVE SURGERY*
Montague, A. A., Manche, E. E.
2006; 32 (5): 795-798
- **Differential distribution of ionotropic glutamate receptor subunits in the rat olfactory bulb** *JOURNAL OF COMPARATIVE NEUROLOGY*
Montague, A. A., Greer, C. A.
1999; 405 (2): 233-246