



Weill Cornell Medical College

┌ NewYork-Presbyterian Hospital
└ Weill Cornell Medical Center

Department of Ophthalmology

Vitreoretinal Fellowship

The vitreoretinal fellowship at Weill Cornell Medical College is a 2-year AUPO certified fellowship that encompasses both medical and surgical vitreoretinal training. Throughout their fellowship, fellows gain a comprehensive experience in the surgical and medical management of both adult and pediatric vitreoretinal disease. Overall, it is estimated that each fellow graduates with two to three hundred surgical cases as primary surgeon with every case supervised by a fellowship trained vitreoretinal specialist. Our surgical faculty include Dr. Donald J. D'Amico (Chairman of the Department of Ophthalmology), Dr. R.V. Paul Chan (Director, Vitreoretinal Fellowship), Dr. Szilard Kiss, Dr. Michael Nissen, Dr. Sangwoo Lee (New York Mets team Ophthalmologist), and Dr. Charles Mango, all of who staff and supervise surgical cases. A priority of our fellowship is that our fellows gain exposure to a variety of different surgical techniques.

In addition to their clinical training, fellows are required to take part in clinical and/or basic science research projects. The department is currently involved in a number of major clinical trials and our faculty have numerous national/international research collaborations. Fellows will have full access to the Margaret M. Dyson Vision Research Institute, which is the main basic science laboratory for the Department of Ophthalmology at Weill Cornell Medical College. The Dyson Institute is centrally located in the basic science building at Weill Cornell Medical College. Currently, there is a staff of over 25 scientists in 6000 square feet of renovated space in an open laboratory environment. The Dyson Institute plays a central role in managing a NEI-funded Tri Institutional Training Program in Vision Research TTPVR, with 28 faculty members from Weill Medical College, Rockefeller University and Sloan-Kettering Institute. The Dyson Institute has outstanding facilities for biochemistry, molecular biology and optical microscopy studies of the retina. We also have a microsurgical laboratory and do extensive work with an oxygen induced retinopathy model and a laser CNVM model. All resident investigators share major facilities and equipment in the Dyson Institute equally, and this open research environment is particularly advantageous for junior investigators, since it provides them with the opportunity to use state of the art equipment to establish their independent lines of research and funding.

As a result of their research, fellows will have the support to present their research at local, national, and international meetings (e.g. Retina Society, ASRS, ARVO, Nantucket Retina). Weill Cornell Medical College Vitreoretinal Fellows also have the privilege of scribing the Aspen Retina Detachment Society Meeting held each spring.

Fellows have a significant teaching role as they are involved with instruction to medical students and ophthalmology residents. Fellows are responsible for fluorescein conference and take part in weekly didactic sessions given by both visiting and full time faculty.

Our goal is to provide our Vitreoretinal Fellows with the experience and necessary tools to flourish in the world of academic medicine or private practice. We are committed to providing them with the support necessary to succeed both during and after their fellowship training.