The Department of Ophthalmology and Visual Sciences is home to some of the nation's most respected and recognized clinicians and basic science investigators.

The Visual Sciences Research Center (VSRC) was founded at Case Western Reserve University in 1996. With over 30 members from various CWRU departments it comprises a multidisciplinary research program in vision and ophthalmology. VSRC scientists study both basic and clinical aspects of the eye which involve three interdisciplinary research groups: Aging and Diabetes, Retinal Degeneration, and Ocular Immunology.

The Speaker Series showcases trends in vision investigation to the local research community and fosters outstanding opportunities for collaboration.

Each year visual scientists are invited from across the country and around the world to bring their laboratory findings to our faculty and students. In June, our investigators present an all-day annual symposium that features keynote speakers, and brief talks by our faculty, residents, investigators, and students.

It is our honor to present our 2013 Speaker Series schedule, spotlighting a wide-range of world-renowned vision research.

For more information please call 216.368.4752 or visit our website at www.case.edu/med/ophthalmology
February 7, 2013 - Thursday
In Collaboration with Department of Otolaryngology
2:00 p.m., Wolstein Auditorium

**J. Martin Heur, M.D., Ph.D.**
Assistant Professor of Ophthalmology
Doheny Eye Institute
Keck School of Medicine
University of Southern California
**Zebrafish Model of Corneal Endothelial Regeneration**

April 16, 2013 - Tuesday
In Collaboration with Case for Sight
5:00 p.m., Wolstein Auditorium

**Alexander Walsh, M.D.**
Assistant Professor of Ophthalmology
Doheny Eye Institute
Keck School of Medicine
University of Southern California
**Re-inventing the Eye Exam: Creating a New Device from Idea to Invention**

May 17, 2013 – Friday
Annual Update for the
Comprehensive Ophthalmologist
Wolstein Auditorium

**Douglas Jabs, M.D., M.B.A**
Professor and Chair of Ophthalmology
Professor of Medicine
Mount Sinai School of Medicine

May 29, 2013 – Wednesday
1:00 p.m., Biomedical Research Building 105

**Arup Das, M.D., Ph.D.**
Chief of Ophthalmology
Professor of Ophthalmology
University of New Mexico School of Medicine
**Diabetic Macular Edema – Beyond VEGF Future Targets**

June 21 & 22, 2013
Friday and Saturday
Annual VSRC Symposium
Wolstein Auditorium
The VSRC showcases its own accomplishments and research while presenting the following Keynotes:

**Michael Gorin, M.D., Ph.D.**
Harold and Pauline Price Professor of Ophthalmology
Professor of Human Genetics
Chief of Retinal Disorders and Ophthalmic Genetics Division
Co-Director, Visual Physiology Laboratory
Jules Stein Eye Institute
University of California Los Angeles

**Thaddeus Dryja, M.D.**
VP & Global Head of Ophthalmology Research
Novartis Institutes for Biomedical Research, Inc.
Cambridge, Massachusetts

September 7, 2013 – Saturday
Second Annual Joint Oculoplastics and Reconstructive Surgery Symposium
Wolstein Auditorium

**Glenn Jelks, M.D.**
Associate Professor of Ophthalmology and Plastic Surgery
Langone Medical Center
New York University

September 10, 2013 - Tuesday
In Collaboration with Department of Pharmacology
12:00 p.m., Wood Building 331

**Jian-Xing Ma, Ph.D.**
Laureate Professor and Chairman
Department of Physiology
The University of Oklahoma Health Sciences Center
**Retinoid Visual Cycle and Retinal Diseases**

December 10, 2013 - Tuesday
In Collaboration with Department of Pharmacology
12:00 p.m., Wood Building 331

**Sheldon Miller, Ph.D.**
Director, Division of Intramural Research
National Eye Institute
National Institutes of Health
**Dehydration of the Subretinal Space and Airway Surface: Role of miR-155**