



The month-long live  
Basic & Clinical Science Course in  
Ophthalmology incorporates

**OVER 125 HOURS OF LECTURES**  
and workshops by a faculty of **OVER**  
**80 DISTINGUISHED EXPERTS.**

**COURSE DIRECTOR**

**Ronald Silverman, PhD**

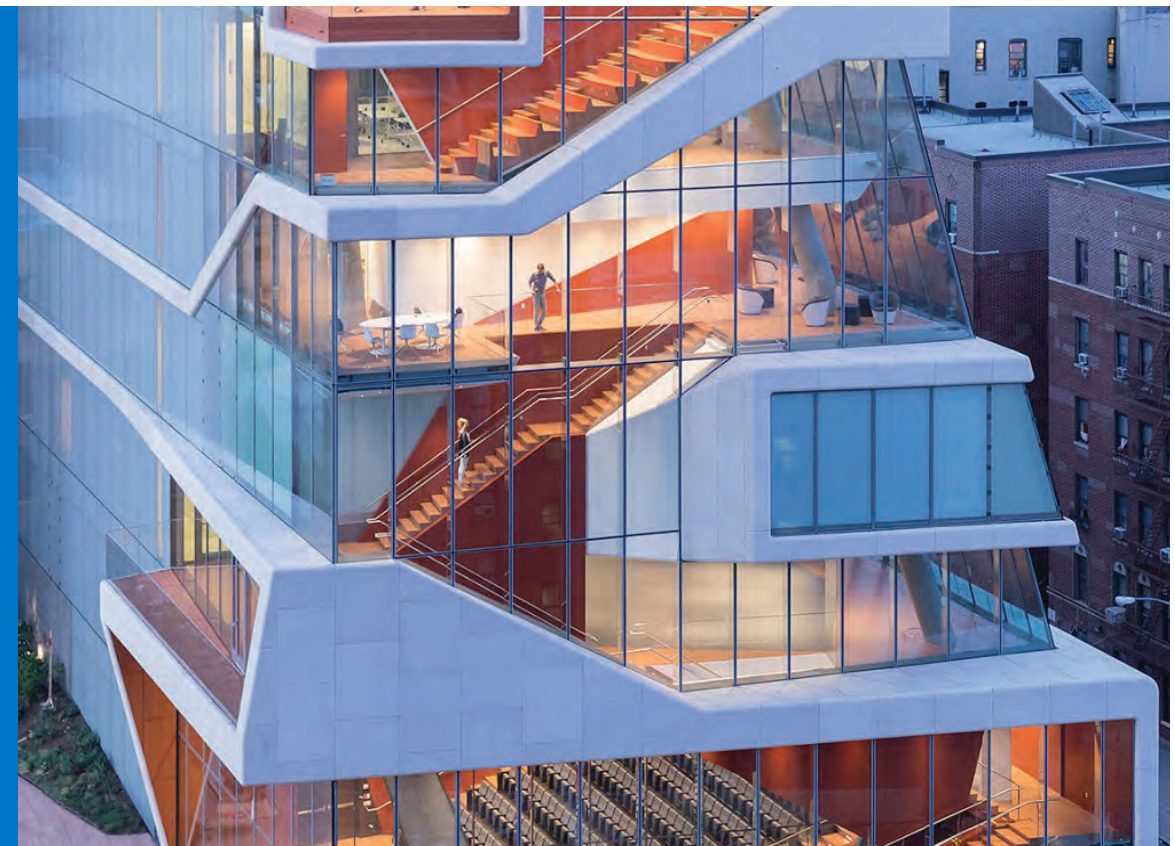
Professor of Ophthalmic Science (in Ophthalmology)

**CO-DIRECTORS**

**Vlad Diaconita, MD & Nan-Kai Wang, MD, PhD**

**FEATURED CUIMC & VISITING FACULTY**

- |                             |                          |                           |                        |
|-----------------------------|--------------------------|---------------------------|------------------------|
| Aliaa Abdelhakim, MD, PhD   | Lora Glass, MD           | Lisa Park, MD             | Carol Troy, MD, PhD    |
| Dritan Agalliu, PhD         | Michael Goldberg, MD     | Konstantin Petrukhin, PhD | Stephen Tsang, MD, PhD |
| Rando Allikmets, PhD        | Vivienne Greenstein, PhD | Louis D. Pizzarello, MD   | Douglas Wallace, MD    |
| James Drake Auran, MD       | David Guyton, MD         | Gabriel Rand, MD          | Nan-Kai Wang, MD, PhD  |
| Srilaxmi Beareilly, MD, MHS | Noga Harizman, MD        | Dan Z. Reinstein, MD      | Qing Wang, MD, PhD     |
| Hilary Beaver, MD           | Lisa Hark, PhD           | Rebecca Rojas, OD         | Michael J. Weiss, MD   |
| Meital Ben-Dov, MD          | Michio Hirano, MD        | Steven Rosenberg, MD      | Ives A. Valenzuela, MD |
| Alexandra Braunstein, MD    | Donald Hood, PhD         | Hermann Schubert, MD      | Tingting Yang, PhD     |
| Robert A. Braunstein, MD    | Jason Horowitz, MD       | Tarun Sharma, MD          | Lawrence Yannuzzi, MD  |
| Mark Breazzano, MD          | Kristina Irsch, PhD      | Susan Sherman, OD, FAAO   | Lauren Yeager, MD      |
| Scott Brodie, MD, PhD       | Simon John, PhD          | Fiza Shuja, OD            | Xin Zhang, PhD         |
| Daniel C. Casper, MD, PhD   | Alicia Jones, OD         | Aakriti Garg Shukla, MD   |                        |
| Stanley Chang, MD           | Stephen Kane, MD, PhD    | Ronald Silverman, PhD     |                        |
| Royce W.S. Chen, MD         | Michael Kazim, MD        | Janet Sparrow, PhD        |                        |
| George A. Cioffi, MD        | Sharon Keh, OD, FAAO     | Megan Soucy, MS, CGC      |                        |
| D. Jackson Coleman, MD      | Andrew Lee, MD           | Roslyn Stahl, MD          |                        |
| Hanna R. Coleman, MD        | Jeffrey M. Liebmann, MD  | Christopher E. Starr, MD  |                        |
| Gustavo De Moraes, MD, PhD  | Robert Lopez, MD         | Leejee H. Suh, MD         |                        |
| Vlad Diaconita, MD          | Brian P. Marr, MD        | Grace Sun, MD             |                        |
| Daniel Diamond, OD          | Carol Mason, PhD         | Sonali D. Talsania, MD    |                        |
| Ralph Eagle, Jr., MD        | Irene Maumenee, MD       | Kaveri Thakoor, PhD       |                        |
| Elizabeth C. Engle, MD      | John C. Merriam, MD      | Gulgun Tezel, MD          |                        |
| George Florakis, MD         | Golnaz Moazami, MD       | Tongalp Tezel, MD         |                        |
| Thomas Flynn, MD            | Jonathan Noonan, MD      | Danielle Trief, MD, MSc   |                        |
| Pamela Gallin, MD           | Jeffrey C. Odel, MD      | Stephen L. Trokel, MD     |                        |



**Edward S. Harkness Eye Institute**

# 2025 BASIC & CLINICAL SCIENCE COURSE IN OPHTHALMOLOGY

January 6 – January 31, 2025  
New York, New York

 **COLUMBIA**  
**OPHTHALMOLOGY**

 **NewYork-Presbyterian**

COLUMBIA UNIVERSITY  
DEPARTMENT OF OPHTHALMOLOGY



**BCSCO 2024 CLASS**



Developed by a committee of world renowned scientists and practicing clinicians, the basic & clinical science course in the Edward S. Harkness Eye Institute at the Columbia University Department of Ophthalmology offers residents and vision scientists a deep dive into the most recent scientific advances in Ophthalmology.

The curriculum examines the fundamentals of vision and emphasizes how these basic principles relate to patient care. Since 1941, the Basic & Clinical Science Course in Ophthalmology has drawn leading experts who are nationally and internationally recognized for their contributions to science. While the focus of the course is resident training, it has also proven useful for the visual sciences community as a whole.

## FEATURES & BENEFITS

Over 125 hours of lectures, live discussions, and hands-on workshops.

Instruction in optics, refraction, and retinoscopy

An introduction to microsurgery & glaucoma surgery

Glaucoma dry labs and Refraction Workshops

Dissection of the lid, lacrimal system and orbit

Phacoemulsification and Ultrasound Workshops



## PATRICIA GALVIN

Program Manager, Basic & Clinical Science Course in Ophthalmology

## COLUMBIA UNIVERSITY IRVING MEDICAL CENTER

622 West 168th Street, Box 200 | New York, NY 10032

EMAIL: pag2109@cumc.columbia.edu

## REGISTER AND PAY ONLINE

<https://www.vagelos.columbia.edu/departments-centers/ophthalmology/education/basic-clinical-science-course-ophthalmology>

