



A. General Information (please print clearly)

ARVO ID # (if known)

First name _____ Middle initial _____

Last (family) name _____ Advanced degree(s) _____

Position _____ Department _____

Institution _____

Street address _____

City _____ State/Province _____

Zip(Postal)Code _____ Country _____

Phone _____ Fax _____ Mobile _____

Email (required) _____

Additional email (if completing on behalf of member) _____

Website _____

3 easy ways to submit application:

- **Mail:**
ARVO
1801 Rockville Pike, Suite 400
Rockville, MD 20852-5622
- **Fax: +1.240.221.0370**
- **Scan and email: arvo@arvo.org**

Payment must accompany this form. To avoid duplication of payment, only send one application.

Registration fees are not included in your membership dues. To register for the meeting, see arvo.org/am.

B. Dues

Full Member Dues

(See next page for description of membership categories)

- Single-year regular member (2019) \$255
- Two-year regular member (2019 – 2020) \$510
- Life member \$5,100
- Retired \$120

Members-in-Training dues

Single-year membership (2019)

- Student/Predocctoral \$130
- Postgraduate/Resident \$130

Section B subtotal: \$ _____

Supervisor's Information (required for Members-in-Training)

Name: _____

Email: _____

Institution/department: _____

Expected training level completion: _____
mm/dd/yy

Student status will be verified.

C. Payment

Total amount due (Section B Subtotal) \$ _____

Donate to the ARVO Foundation? \$ _____

(Donations are tax deductible by U.S. law.
ARVO Foundation for Eye Research Federal ID: 52-2322462).

Total (U.S) \$ _____

Check enclosed
(payable to ARVO in U.S. Dollars, drawn on U.S. Bank)

American Express MasterCard Visa

Credit Card Number

Security code _____ Exp. date: _____
cvc mm/yy

Cardholder name: _____

Signature: _____

Billing address: _____

Zip/Postal code _____

Additional Information

- Allow three days for processing.
- For payments by wire transfer, contact arvo@arvo.org for instructions and fees.
- Faxed and mailed payments must be received by **Nov. 23, 2018**, to ensure processing prior to abstract deadline.
- Dues are not refundable or transferable.
- ARVO Federal ID: 34-0812556

D. Scientific sections

Cross-sectional groups

ONE section or group must be selected. See next page for description of section and groups

Scientific sections

- Anatomy and Pathology/Oncology (AP)
 - Anatomy
 - Pathology
- Biochemistry/Molecular Biology (BI)
- Clinical/Epidemiologic Research (CL)
- Cornea (CO)
- Eye Movements/Strabismus/Amblyopia/Neuro-ophthalmology (EY)
- Glaucoma (GL)
- Immunology/Microbiology (IM)
- Lens (LE)
- Physiology/Pharmacology (PH)
- Retina (RE)
- Retinal Cell Biology (RC)
- Visual Neuroscience (VN)
- Visual Psychophysics/Physiological Optics (VI)

Cross-sectional groups

- Genetics (GEN)
- Low Vision (LV)
- Multidisciplinary Ophthalmic Imaging (MOI)

Abstract Deadline Nov. 30, 2018

Scientific Sections

ARVO is organized into 13 Scientific Sections, which are described below. Members must select one Section with which their research interests most closely identify. Each Section is represented on the Board of Trustees and the Annual Meeting Program Committee. This is for **voting** purposes only and is not related to the Section which reviews your abstract.

Anatomy Pathology/Oncology (AP)

Anatomy — Sub-Section includes descriptive or experimental studies about the structure, organization, and development of the tissues of the eye and central visual pathways, surgical anatomy, and the ocular vasculature. Anatomical research that deals exclusively with the cornea or lens is generally identified with those Sections.

Pathology — Sub-Section relates to pathogenesis, pathology and animal models of ocular tumors and other disease tissue, including response to treatment. Experimental studies involving microscopy and other imaging techniques related to pathology, biochemistry, physiology, and other basic science methodologies are appropriate.

Biochemistry/Molecular Biology (BI) — This section encompasses biochemistry, molecular biology, molecular genetics, biophysics, and bioinformatics studies on ocular tissue or vision-related brain structures. Mechanistic studies of disease or therapies are appropriate.

Clinical/Epidemiologic Research (CL) — Section covers research using epidemiologic and biostatistical methodology on ophthalmologic disorders and vision. Emphasis is on controlled studies providing a better understanding of the etiology, risk factors, diagnosis, prevention or treatment of diseases affecting vision, and their prevalence, incidence and impact on patients and society, including health services research and quality of life.

Cornea (CO) — Section covers both clinical and basic research concerned with the cornea, conjunctiva and the tear system, and corneal refractive surgery.

Eye Movements/Strabismus/Amblyopia/Neuro-Ophthalmology

(EY) — Section covers three areas: (i) The nature, control and development of eye movements, ocular alignment, and alignment-related stereopsis; (ii) The nature, etiology, diagnosis and treatment of strabismus, amblyopia and other disorders of eye movements, fusion and stereopsis; (iii) The neuro-ophthalmology of the visual sensory and oculomotor systems, including the orbit and adnexa.

Glaucoma (GL) — Section encompasses basic and clinical research related to glaucoma in normal or glaucomatous eyes.

Immunology/Microbiology (IM) — Section focuses on basic, translational and clinical research relating to immunity inflammations, including infections that involve ocular or adnexal tissue.

Lens (LE) — Section encompasses basic and clinical studies that include varied aspects of the anatomy, pathology, physiology, biochemistry, cell biology, molecular biology, developmental biology, epidemiology and genetics of the ocular lens in normal or pathological states.

Physiology/Pharmacology (PH) — Section covers three areas of research, 1) systemic, tissue, cellular and molecular physiology and pharmacology, 2) ocular pathophysiology and disease, 3) pharmacological mechanisms including drug delivery/disposition and related bioengineering.

Retina (RE) — Section is concerned with basic and clinical studies, using a variety of techniques that augment our understanding or improve the treatment of retinal diseases. Any topic pertaining to the vitreous, retina, or choroid is applicable, if it has a clinical or translational emphasis.

Retinal Cell Biology (RC) — Section deals with basic and preclinical studies of the structure, composition and function of the retina, retinal pigment epithelium and their associated extracellular matrices from the molecular through the tissue level of organization. Studies include a variety of topics such as membrane composition, photoreceptor outer segment renewal, neurotransmitter systems, retinal blood vessels, glia, transport, neuronal circuitry, development, growth factors, transplantation, stem cells, and models of retinal degeneration.

Visual Neuroscience (VN) — Section deals with basic research directed at understanding the neural mechanisms, organization and function of the visual system, including the retina and all central pathways of vertebrate and invertebrate species. Topics include synaptic processes, functional neurocircuitry, neurotransmitter systems, phototransduction, developmental processes, membrane biophysics, light-evoked responses and coding, and cellular and systems organization of the neural tissues of the retinal and central pathways. Inherited and acquired diseases of the retina and visual pathways with related neural mechanisms are appropriate.

Visual Psychophysics/Physiological Optics (VI) — Section deals with basic research in visual function and optics. The emphasis is on the analysis of visual processing by psychophysical, computational, physiological and imaging techniques. Optical studies include properties of the lens and eye including aberrations, their correction, accommodation, presbyopia and refractive error and its correction. Other topics include spatial and temporal processing sensitivity, adaptation, learning and attentional processing of basic and higher perceptual processes; low vision; and visual development throughout the life span.

Cross-Sectional Groups

ARVO has created three Cross-Sectional Groups:

- **Genetics**
- **Low Vision**
- **Multidisciplinary Ophthalmic Imaging**

Each group will present hot topics in interdisciplinary science in an oral session and several poster sessions at the Annual Meeting. The purpose of the program is to meet the needs of ARVO members whose scientific interests are not easily defined by existing ARVO Sections. By joining one or more ARVO Groups, you will have an opportunity to network with colleagues from different yet related areas of study, and to provide input into future educational programs and organization of the Group(s).

Membership Categories and 2019 Dues

For complete member benefits and further details, see arvo.org

Regular Members - \$255 (US)

Individuals demonstrating a serious interest in or making significant scientific contributions to visual science.

Two-year Regular Members - \$510 (US)

Individuals demonstrating a serious interest in or making significant scientific contributions to visual science. This is a two-year term.

Life Members - \$5,100 (US)

Individuals qualifying for regular membership paying one-time dues that provide lifetime benefits of regular membership.

Members-in-Training - \$130 (US)

Individuals in full-time training at institutions of higher learning in a scientific field related to vision or ophthalmology. Membership in either or both training categories is limited to a total of 7 years.

- **Student/Predoctoral**
Trainees who have not earned a doctorate level degree.
- **Postgraduate/Resident**
Trainees who have attained a doctorate level degree.

Student status will be verified.

Retired Members – \$120 (US) Annual fee

Any Regular member may make a written request to ARVO that his or her membership be transferred to that of a Retired Member provided that, at the time of request, such person has been a Regular, Sustaining or Life member for a cumulative total of at least twenty (20) years; is retired from employment and is no longer engaged in his or her regular research, academic or other scientific activities. All requests can be made to arvo@arvo.org.