

## The Association for Research in Vision and Ophthalmology (ARVO) Fact Sheet

### Who we are

The Association for Research in Vision and Ophthalmology (ARVO) is the largest community of eye and vision researchers in the world, with nearly 11,000 members from more than 75 countries. The association advances research worldwide into understanding the visual system and preventing, treating and curing its disorders.

### Organizational Structure

ARVO is governed by a Board of Trustees, who are elected from candidates put forth by the 13 Scientific Sections: Anatomy, Pathology & Oncology; Biochemistry & Molecular Biology; Clinical & Epidemiologic Research; Cornea; Eye Movements, Strabismus, Amblyopia & Neuro-ophthalmology; Glaucoma; Immunology & Microbiology; Lens; Physiology & Pharmacology; Retina; Retinal Cell Biology; Visual Neuroscience; and Visual Psychophysics & Physiological Optics. The Board also includes one appointed At-large Members-in-Training Trustee.

### Scientific Publications

ARVO publishes three open access, peer-reviewed journals, available online, and which publish approximately a thousand articles a year.

**Investigative Ophthalmology & Visual Science (IOVS)** — *Investigative Ophthalmology & Visual Science (IOVS)*, publishes approximately six hundred research articles per year in online issues, across the full spectrum of subjects covered by the 13 ARVO Scientific Sections and three ARVO Cross-sectional Groups. IOVS publishes original contributions that emphasize clinical and laboratory hypothesis-based research with statistically valid results that clearly advance the fields of ophthalmic and vision research. IOVS has been ARVO's flagship journal since its launch in 1962, and in any given year is cited more than any other journal in the field (in 2018 its articles were cited 52,234 times.) As well as the broad variety of content covered in the monthly journal issues, IOVS also publishes special issue on topics of current interest. Recent examples include [Myopia](#), [Dry Eye](#), and [Dry AMD](#).

**Journal of Vision (JOV)** — *Journal of Vision (JOV)* is an online, open access, peer-reviewed scientific journal devoted to all aspects of visual function in humans and other organisms. When the journal launched in 2001 with Andrew Watson as Editor-in-Chief it was one of the few online only, open access journals. A fascinating history of the journal can be found in an [editorial](#) by Dr. Watson. JOV is now a well establish journal publishing about 240 research articles per year and featuring a number of special issues, most

recently including [Prediction in Perception and Action](#), [Computational Models of Early Vision](#) and [Advances in Perceptual Learning](#).

**Translational Vision Science & Technology (TVST)** — *Translational Vision Science & Technology (TVST)* is an online, open access, peer-reviewed journal emphasizing multidisciplinary research that bridges the gap between basic research and clinical care. Since its inception in 2012, TVST has grown rapidly, publishing 225 articles in 2019 and with further growth anticipated. TVST received is listed in the Scopus and Web-of-Science databases and received its first Impact Factor in 2018. Its recent special issue [Artificial Intelligence in Ophthalmology, Optometry and Vision Science: The New Frontier](#) includes 12 review articles by field leaders, one of which was viewed over 9,000 times in the first 4 months. TVST recently expanded its scope to adopt a [broader definition of translational research](#), which will provide a place for ARVO members to publish research which had been outside the scope of ARVO journals.

## Meetings and education

ARVO meetings, presented throughout the year, are renowned for their variety of topics and timeliness.

The **ARVO Annual Meeting** brings together over 11,000 vision researchers, clinicians and scientists from around the world for scientific sessions, poster presentations and symposia.

ARVO also fosters cutting-edge research and leading experts through other ARVO **workshops, conferences and online education** throughout the year, including:

- Online courses, including an Artificial Intelligence online event with panel discussions, current and emerging uses of AI in ophthalmology, recorded presentations and discussion forums
- ARVO Imaging in the Eye Conference
- ARVO Conferences, such ARVO International regional meeting series and Bench to Bedside (B2B) Meeting aimed at guiding members on how to advance translational ideas to clinically applied products.

## Advocacy

ARVO represents the vision research community at the national level by preparing statements, signing onto various letters alongside other research organizations, attending and sponsoring various Congressional briefings, and through its partnerships with numerous research-oriented associations and societies and the National Alliance for Eye and Vision Research (NAEVR), who assists in the planning of ARVO Advocacy Day.

## Supporting vision research

The ARVO Foundation for Eye Research provides continuing education and stable support for original and innovative vision research, particularly research with translational impact that fosters collaboration between clinicians and basic scientists. The ARVO Foundation also supports training for new vision research scientists around the world.

To learn more, visit [arvo.org](http://arvo.org) or email [media@arvo.org](mailto:media@arvo.org).