



# *Journal of* Sports and Performance Vision

## Editorial

As we launch this new publication we must share our vision for this area of science and research. We have spent our careers intrigued by the human visual system and its seemingly unlimited potential. From the humble beginnings of basic experiment design to working with some of the most elite athletes in the world, we have continually been searching for educational resources and platforms to share our results and experiences. Both the search for educational resources and the options to publish have often been more of a chore than it should be for this exploding area of science. This will be a pioneering publication uniquely dedicated to vision performance. Until now, the various components of vision performance have been published across a wide span of scientific specialties. By consolidating the global research and efforts in vision performance, we hope this platform will both inspire and encourage contribution to this evolving field.

The eye is an interesting organ and has been very well studied, but it's the connection to the brain and how the information is processed that still has so much more to be discovered. The statement "You don't see with your eyes, you see with your brain" is becoming more applicable with advancing research. The traditional concept that vision was primarily limited to your eyes is superficially true, but the deeper we dive into human vision, the more we are led to how the brain interprets the information that is relayed from the eye. Some view the eye as the primary and most important part of the visual system, and some simply see it as a data capture device. We think it all needs to be better understood.

We have also seen that both the research and implementation of vision performance enhancement spans far wider across the scientific community than we ever realized. For this reason, we have assembled a world-class advisory board that includes experts from research to implementation. Having experts ranging from neurological research to athletic trainers and therapists sharing ideas and validating concepts will allow us to take unprecedented strides and expanding this area of science. Here you will read about theories, applications, challenges, and results. We will all learn from both success and failure while having the most fun in science doing it.

We hope to see the evolution of both an academic library and an organized scientific culture. We often learn equally important information talking to theoretical researchers or speaking with certified athletic trainers and athletes themselves. It is this sharing of information and experiences that can accelerate the research on vision performance. By closing the gap between research and application, we hope to increase the interaction between these groups. We all end up speaking the same language so now we have a validated platform to do it with

This publication will represent a platform that all scientists and practitioners can access for the latest in the field of vision performance. We encourage all to get involved as we provide a home for traditional scientific study but also science that never had a proper home.

Dr. Keith Smithson, OD  
Dr. Fraser Horn, OD, FAAO  
Dr. Derek Cunningham, OD, FAAO  
Co-editors