

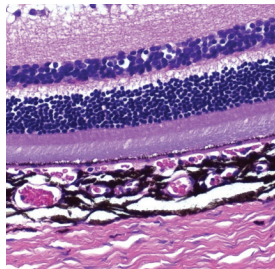
# WATERLOO OPTOMETRY & VISION SCIENCE

## VISION SCIENCE RESEARCH SEMINAR SERIES 2012-2013

Please plan to attend an exciting series of Vision Science Research Seminars presented in the School of Optometry at the University of Waterloo. We have invited a list of speakers with international reputations. The seminar topics will range from basic vision science to clinical trials. Seminars are planned for Friday afternoons at 3:30 pm with a reception following the talk to stimulate social interaction between the speaker, faculty, students and our guests. The Vision Science research program is very active with over 20 Faculty and over 45 graduate students

[OPTOMETRY.UWATERLOO.CA](http://OPTOMETRY.UWATERLOO.CA)

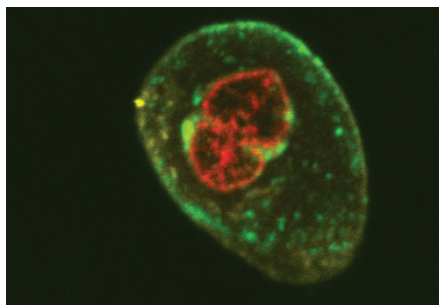
THE VISION SCIENCE  
GRADUATE PROGRAM  
HAS BEEN IN OPERATION  
FOR OVER 25 YEARS.



Imaging of Retinal Structure  
Photo courtesy: D. Hileeto

ANTERIOR EYE  
AND CONTACT  
LENS RESEARCH

OCULAR IMAGING  
RESEARCH



Understanding Cellular Changes  
Photo courtesy: David McCanna, CCLR

### LECTURES

3:30 PM - OPTOMETRY BUILDING  
ROOM 1129

FRIDAY, OCTOBER 19, 2012  
**GLIAL CELL ACTIVATION FOLLOWING  
BIOMECHANICAL INSULT: A MODEL  
FOR THE INITIAL INSULT IN GLAUCOMA?**



**John G. Flanagan BSc, PhD, FAAO,  
MCOptom**  
Professor  
School of Optometry and Vision Science, University of  
Waterloo and Department of Ophthalmology and Vision  
Sciences, Faculty of Medicine, University of Toronto  
Senior Scientist  
Toronto Western Research Institute, University  
Health Network

FRIDAY, NOVEMBER 30, 2012  
**RETINAL IMAGE QUALITY AND  
VISUAL PERFORMANCE**



**Raymond A. Applegate OD, PhD, FAAO,  
FOSA, FARVO**  
Professor and Borish Chair of Optometry  
College of Optometry, University of Houston

FRIDAY, JANUARY 25, 2013  
**VISUAL GUIDANCE OF LOCOMOTION  
ACROSS THE LIFESPAN**



**Lori Ann Vallis Ph.D.**  
Associate Professor  
Department of Human Health & Nutritional Sciences,  
University of Guelph

FRIDAY, FEBRUARY 22, 2013  
**SKEW DEVIATION: FROM THE  
LABORATORY TO BEDSIDE**



**Agnes Wong MD, PhD, FRCSC**  
Professor and John and Melinda Thompson Chair in  
Vision Neurosciences, Professor of Ophthalmology  
& Vision Sciences, Neurology, and Otolaryngology –  
Head & Neck Surgery  
University of Toronto and The Hospital for Sick Children

FRIDAY, MARCH 22, 2013  
**MYOPIA - THE LONG AND SHORT OF IT**



**William (Bill) K. Stell PhD, MD**  
Professor  
Department of Cell Biology & Anatomy, Graduate  
Department of Neuroscience, and Hotchkiss Brain  
Institute, Faculty of Medicine, University of Calgary

4:30 **ADJOURN**

All are welcome to please join us for a **RECEPTION**  
outside the **WATER LEARNING RESOURCE CENTRE,**  
**2ND FLOOR** immediately following the lecture

**VISION SCIENCE KEYNOTE SPEAKER**  
**TUESDAY APRIL 23, 2013**  
**13<sup>th</sup> Annual Graduate Research Conference Keynote**  
**TRUST ME, I'M A SCIENTIST! SCIENTISTS AND  
THEIR INTERACTION WITH THE PUBLIC**



**Carla Fehr BSc, PhD**  
Associate Professor and Wolfe Chair in Science  
and Technology  
Department of Philosophy, University of Waterloo

### LECTURERS