

#### COMPARATIVE OCULAR ANATOMY RESEARCH

Photo courtesy: T.T. Tran & V. Choh

#### VSRSS ORGANIZING COMMITTEE

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Front leaf photo courtesy: T. Simpson



Photo generated using [www.wordle.net](http://www.wordle.net)

#### DIRECTIONS TO THE SCHOOL OF OPTOMETRY 200 COLUMBIA STREET WEST

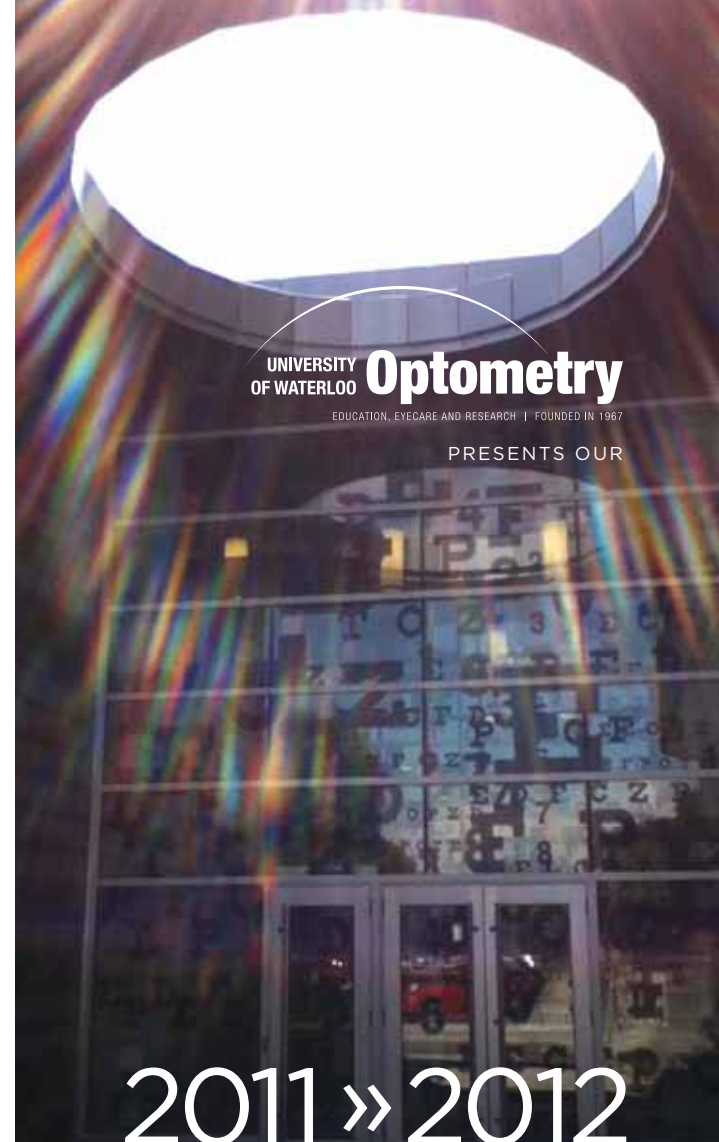
**From east or west** – follow highway 401 to exit 278, highway 8 West.

**From Buffalo and Niagara Falls** –

- » follow Queen Elizabeth Way in the “Toronto” direction to highway 403 West (one hour).
- » follow 403 West to 6 North to 401 West to exit 278 (45 minutes); proceed as below
- » Follow 8 West to 7 East, (an expressway called the Conestoga Parkway). Be sure to take the exit for 7 East, not 7 West.
- » Continue on 7 East (keep left) as it becomes 85 North (formerly 86).
- » Exit at University Avenue West and drive about 2 miles (3 km).
- » Turn right (north) on to Phillip St.
- » Turn left (west) on to 200 Columbia St. W., building on right hand side just past railway tracks.

#### PARKING

Parking is available in Parking Lot “O” beside the Optometry Building and Parking Lot “X” behind the Optometry Building for \$5.



UNIVERSITY OF WATERLOO **Optometry**

EDUCATION, EYECARE AND RESEARCH | FOUNDED IN 1967

PRESENTS OUR

# 2011 » 2012

## VISION SCIENCE RESEARCH SEMINAR SERIES

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

## VISION SCIENCE RESEARCH SEMINAR SERIES 2011-2012

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 3:30pm 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)

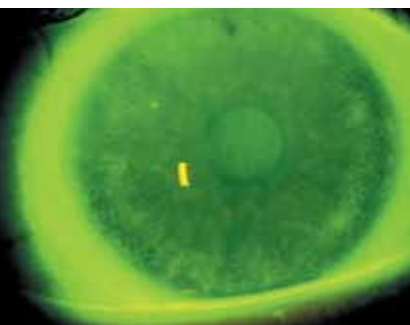
THE VISION SCIENCE GRADUATE PROGRAM HAS BEEN IN OPERATION FOR OVER 25 YEARS.

Glaucoma Research  
Photo courtesy: N. Hutchings



ANTERIOR EYE AND CONTACT LENS RESEARCH

Photo courtesy: Kathryn Dumbleton, CCLR



### LECTURES

3:30PM - OPTOMETRY BUILDING ROOM 1129

FRIDAY SEPTEMBER 16, 2011  
VISION AND DRIVING STUDIES UNDER DAY AND NIGHT-TIME CONDITIONS



### LECTURERS

**Joanne Wood, BSc, PhD**  
Professor School of Optometry and Institute of Health and Biomedical Innovation  
Queensland University of Technology, Brisbane, Australia

FRIDAY OCTOBER 28, 2011  
NEAR VISION DYSFUNCTION IN CHILDREN



**Ai-Hong Chen, PhD**  
Associate Professor, Optometry Program  
Faculty of Health Sciences, Universiti Teknologi MARA

FRIDAY JANUARY 27, 2012  
A STORY OF CHANGE AND DISCOVERY: HOW AND WHAT WE LEARNED FROM STUDYING NYSTAGMUS IN INFANCY AND CHILDHOOD



**Richard Hertle, FAAO, FACS, FAAP**  
Chief of Pediatric Ophthalmology, Director, Children's Vision Center, Akron Children's Hospital Professor  
Department of Surgery (Ophthalmology),  
College of Medicine, Northeast Ohio Medical College,  
Rootstown, OH

FRIDAY MARCH 30, 2012  
MECHANISMS OF ATP RELEASE, THE ENABLING STEP IN PURINERGIC REGULATION OF AQUEOUS HUMOR DYNAMICS



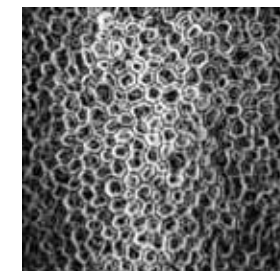
**Mortimer Civan, PhD**  
Professor of Vision Science  
School of Optometry and Helen Wills Neuroscience Institute, University of Pennsylvania

4:30 **ADJOURN**  
All are welcome to please join us for a **RECEPTION** outside the **WITER LEARNING RESOURCE CENTRE, 2ND FLOOR**

immediately following the lecture

OCULAR IMAGING RESEARCH

Photo courtesy: T. Simpson



**VISION SCIENCE KEYNOTE SPEAKER**  
TUESDAY APRIL 24, 2012 ROOM DC 1351  
**12<sup>th</sup> Annual Graduate Research Conference Keynote**  
MODELS AND METHODS FOR CORRELATED DATA: SOME APPLICATIONS IN HEALTH RESEARCH



**Richard J. Cook, BSc, MMath, PhD**  
Professor & Canada Research Chair in Statistical Methods for Health Research  
Department of Statistics and Actuarial Science, University of Waterloo