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#### REFRACTIVE ERROR DEVELOPMENT RESEARCH.

Photo courtesy: E.L. Irving & M. Ksilak

### VSRSS ORGANIZING COMMITTEE

**Trefford Simpson**, DipOptom, PhD

**Natalie Hutchings**, MCOptom, PhD

**Thomas Freddo**, OD, PhD, FAAO  
Director, School of Optometry

**Holly Lorentz**, BSc, MSc  
PhD Candidate, Graduate Student Representative

### CONTACT

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

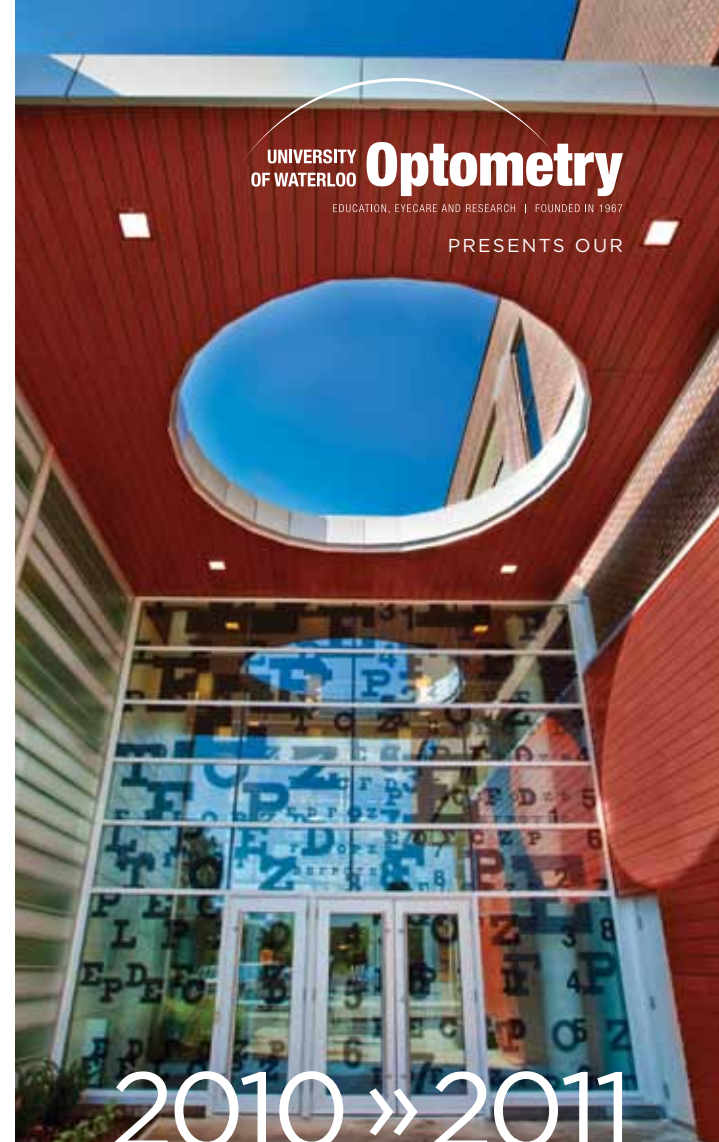
**From east or west** – follow highway 401 to exit 278, highway 8 West.

#### 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 \$3.



UNIVERSITY OF WATERLOO **Optometry**

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# 2010 » 2011

## VISION SCIENCE RESEARCH SEMINAR SERIES

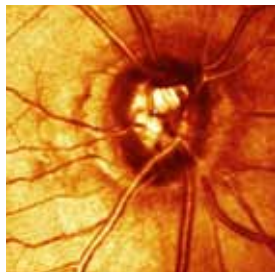
[OPTOMETRY.UWATERLOO.CA](http://OPTOMETRY.UWATERLOO.CA)

## VISION SCIENCE RESEARCH SEMINAR SERIES 2010-2011

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.

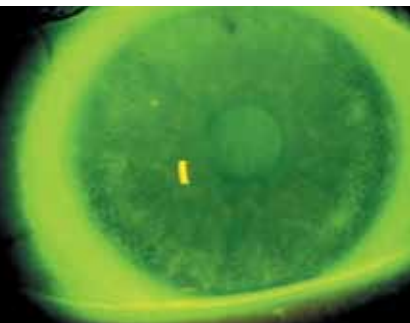
THE VISION SCIENCE GRADUATE PROGRAM HAS BEEN IN OPERATION FOR OVER 25 YEARS.

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 24, 2010  
NEW APPROACHES TO TREATING AMBLYOPIA THROUGH THE LIFESPAN



### LECTURERS

**Dennis M. Levi OD, MS, PhD**  
Professor & Dean, School of Optometry  
University of California, Berkeley

FRIDAY OCTOBER 29, 2010  
HIGHLIGHTS FROM THE WATERLOO EYE STUDY



**Elizabeth L. Irving OD, PhD**  
Professor & Canada Research Chair in Animal Biology.  
School of Optometry, University of Waterloo

FRIDAY NOVEMBER 26, 2010  
THE NEURAL BASIS OF MOTION PERCEPTION DEFICITS IN AMBLYOPIA AND DEVELOPMENTAL DYSLEXIA



**Deborah E. Giaschi PhD**  
Professor & Staff Scientist  
Department of Ophthalmology & Visual Science  
University of British Columbia & British Columbia Children's Hospital

FRIDAY FEBRUARY 4, 2011  
MAKING A GOOD IMPRESSION: EVALUATING THE OCULAR SURFACE BY IMPRESSION CYTOLOGY



**Kathleen L. Krenzer OD, PhD, DABT**  
Principal Scientist, Nonclinical Safety,  
Bausch & Lomb, Inc.  
Adjunct Professor,  
New England College of Optometry

FRIDAY FEBRUARY 25, 2011  
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

FRIDAY MARCH 25, 2011  
THE VISUAL EXPERIENCE OF THE HUMAN INFANT



**T. Rowan Candy MCOptom, PhD**  
Associate Professor & Associate Dean of Research  
School of Optometry, Indiana University

#### 4:30 RECEPTION

All are welcome to please join us outside the **WITER LEARNING RESOURCE CENTRE 2ND FLOOR** immediately following the lectures

**TUESDAY APRIL 26, 2011**

**11<sup>th</sup> Annual Graduate Research Conference Keynote Speaker**

**NEUROMETABOLIC COUPLING IN THE VISUAL CORTEX**



**Ralph Freeman, OD, PhD**  
Professor of Vision Science  
School of Optometry and Helen Wills Neuroscience Institute  
University of California, Berkeley