

« Laissez les bon temps rouler » à la Nouvelle-Orléans! Let the good times roll in New Orleans!

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Just when you thought the annual meeting of the American Academy of Optometry (AAO) could not get any bigger, this year's meeting in New Orleans, broke the all-time record for the AAO at a whopping 7489 attendees, 448 of which were Canadian. At total of 4368 optometrists attended, along with almost 1400 students, breaking even more records.

The Canadian schools, once again, contributed significantly to the program, both in the continuing education and the scientific programs; Tables 1-4 tabulate the contributions of the Canadian schools to the meeting. (Figure 1)



Figure 1. Waterloo Optometry Students Markio Hirano (left) and Raymond Ho (right) presented their first-ever posters at this year's AAO meeting in New Orleans (pictured with Kristine Dalton, Waterloo Faculty).

For the first time this year, the University of Waterloo, the Université de Montréal and the Centre for Contact Lens Research teamed up to host the Canadian Schools Alumni & Friends Reception, bringing together alumni, friends, faculty and students from around the world. Dr. Paul Murphy (Director of Waterloo) and Dr. Julie-Andrée Marinier (Secretary of Montreal) welcomed the attendees and

gave a brief overview of some of the advancements of their institutions. Over 200 people attended the inaugural event and the formidable attendance reinforced the need to make this an annual event moving forward! (Figure 2, 3)



Figure 2. A packed house for the first ever Canadian Schools Alumni & Friends Reception at the AAO in New Orleans



Figure 3: Gina Sorbara (Waterloo) and Etty Bitton (Montreal) at the first joint Canadian school reception

Another mainstay of the annual meeting is the completion of requirements to attain the Fellow of the AAO (FAAO). Candidates who have accumulated 50 points (consult the URL for more details, <http://www.aaopt.org/becoming/efellowship>) are considered for fellowship and once all the written requirements are completed, they are invited for a peer-review interview process at the annual meeting. This year, 240 new fellows were inducted at the annual banquet representing 15 different countries, with 9 Canadians completing their FAAO.

Once fellowship has been obtained a member can join any of the numerous sections that the AAO offers, such as Anterior Segment, Cornea and Contact Lens, Low Vision, Optometric Education, etc. When Fellows meet requirements specific to a section and demonstrate both knowledge and expertise in their specific topic area, they can be invited to become a “Diplomate” of that section. We are thrilled to congratulate Drs. Catherine Chiarelli (Toronto, ON) and Ronald Gall (Oakville, ON) who both successfully completed their Diplomate of the Binocular Vision, Perception & Pediatric Optometry (BVPPPO) Section. The 2015 class of Canadian FAAOs and Diplomates can be found in Table 5. Congratulations to all!



Figure 4. Dr. Caroline Faucher (Montreal) receiving her FAAO

In addition to the numerous new fellows and diplomates from Canada this year, there were a number of new student fellows from both optometry schools. The student fellowship program was created by the AAO in 2011 to encourage optometry students to become more involved in the meeting



Figure 5. Dr Rajju Babu (Waterloo) congratulated on his FAAO by Drs Lyndon and Debbie Jones (left) and Dr William Ngo (right)



Figure 6. Drs. Catherine Chiarelli (Toronto) and Ronald Gall (Oakville) receiving their Diplomate of the Binocular Vision, Perception & Pediatric Optometry (BVPPPO) Section

and experience all of the events the Academy has to offer. This year 32 students from Montreal and 4 from Waterloo completed their student fellowships. Congratulations students!

As always, the AAO and the AOF continue to provide numerous grants, scholarships, and travel fellowships, through the support of industry and the generous donations of individuals. These awards support and encourage faculty, as well as optometry and vision science graduate students to participate in the meeting by lessening its costs, and recognizing their dedication and hard work. There were a number of recipients from both Schools at this year’s meeting, as listed on right. Congratulations!

AOF –VSP/FYi Doctors Scholarship

Carolyn Perugino (4th yr student, Montreal)

Wylie Tan (4th yr student, Waterloo)

Morgan Wellburn (4th yr student, Waterloo)

Essilor Student Travel Fellowship

Maxime MacGregor (3rd yr student, Montreal)

Roxanne Côté-Castonguay (3rd yr student, Montreal)

Lor Sildiryan (3rd yr student, Waterloo)

Jessica Yang (4th yr student, Waterloo)

Section on Cornea, Contact Lenses & Refractive

Technologies-Resident Travel Fellowships

Stephanie Britton (Cornea & Contact Lens resident, Waterloo)

Student Travel Fellowship funded by an educational grant from The Vision Care Institute

Vivek Labishetty (PhD candidate, Waterloo)

Lacey Haines (PhD candidate, Waterloo)

Ezell Fellowship

Dr. William Ngo (PhD candidate, Waterloo)

AOF Innovation in Education Grant

Dr. Nadine Furtado (Faculty, Waterloo)

Finally, every year the AAO takes time to honour outstanding clinicians, educators and researchers. This year, a Waterloo alumnus, Dr. Austin Roorda and his colleagues, were awarded the Garland W Clay Award as the authors of the manuscript published in Optometry & Vision Science that received the most citations in the world in the previous five years. Dr. Roorda completed his PhD in 1996 under the supervision of Drs. Bill Bobier and Beth Irving. Congratulations Austin and colleagues!

Next year's meeting promises to be as popular as ever and is set for Nov 9-12, 2016 in Anaheim, California. Mark your calendars!

Table 1. Presentations by faculty of the École d'optométrie, Université de Montréal

| Author (s) | Title of presentation | Type of presentation |
|--|---|-----------------------|
| Bitton, E | Daily Disposables: Taking it one day at a time | CE Conference (1 hr) |
| Bitton E, Kronish S, Jones L, Bouchard JF | The impact of hand rinsing time on soap residue left on the surface of silicone hydrogel CL | Poster |
| Bachir V, Bitton E | Treatment of Demodex with Hypochlorous acid: A Case report | Poster |
| Kergoat H, Chriqui E, Law C, Kergoat MJ, Leclerc BS. | Visual impairment in older institutionalized adults with neurocognitive disorder. | Poster |
| Marinier JA, Camirand-Larue E, Morgan T, Overbury O | Evaluation of answers to Massof's Activities Inventory and health perception by visually impaired patients, aged at least 65 years old living independantly at home | Poster |
| Michaud L, Morency J, Giasson C. | Evaluation of oxygen under scleral lenses fitted with different fluid reservoir thickness | Poster |
| Michaud L. Diaconu V. Garon ML Forcier P | Optic Nerve Capillaries Blood oxygenation Investigation in Fabry's patients | Poster |
| Michaud L | Contact Lenses and Dry eye : Cause or Remedy? | CE Conference (1 hr) |
| Michaud L. Brazeau D | It is all about scleral lenses: Advanced Tips for Practitioners | CE Conference (2 hrs) |
| Tan B, Yuen T, Moy A, Zhou Y, Graham A, Michaud L, Lin M | Pilot study of post-lens fluorogram with scleral lenses of various clearances | Paper |
| Yuen T, Tan B, Moy A, Graham A, Michaud L, Lin M | Peripheral tear mixing under scleral lenses fitted with various clearances | Paper |
| Wittich W | Validation of the Purdue Pegboard for Older Adults with Low Vision | Poster |

Table 2. Presentations by faculty of the School of Optometry and Vision Science, University of Waterloo

| Author (s) | Title of presentation | Type of presentation |
|--|---|----------------------|
| Christian LW, Nandakumar K | Visual status in school children with reading problems in Canada | Poster |
| Christian LW, Bobier WR | Photographic leukocoria | Poster |
| Mitchell GL, Benavente-Perez A, Handford P, Oechslein T, Christian LW, Irving EL, Jenewein E, Kulp MT, Patel R, Schnell PH | Validity of an online, self-administered symptom questionnaire in patients with accommodative dysfunction | Paper |
| Dalton K | Establishment of a new sports vision clinical service at the University of Waterloo School of Optometry & Vision Science | Poster |
| Dalton K | Ezell Fellows Present: Tackling Traumatic Brain Injury - Can our eyes be the window to the brain? | Symposium Lecture |
| Dalton K, Willms A | Establishment of standard measures of visuomotor reaction time | Poster |
| Freddo T | Understanding granulomatous disease in optometric practice | CE Conference (1 hr) |
| Bitton E, Kronish S, Bouchard JF, Jones L | The impact of hand rinsing time on soap residue left on the surface of silicone hydrogel CL | Poster |
| Guthrie S, Woods J, Dumbleton K, Fonn D, Jones L | Contact lens discomfort management strategies of ECPs | Poster |
| McCabe K, Piper S, Jones L, Papinski D, Fadli Z | In-vitro bacterial adhesion to silicone hydrogel contact lenses: Does a surface coating inhibit bacterial adhesion? | Poster |
| McCabe K, Piper S, Jones L, Papinski D, Fadli Z | Bacterial adhesion to silicone hydrogel and conventional hydrogel lenses | Paper |
| Panjwani F, Papinski D, Woods J, Jones L | In-vivo dehydration of omafilcon A and delefilcon A | Poster |
| Panjwani F, Papinski D, Varikooty J, Woods J, Jones L | In-vivo dehydration of stenfilcon A and delefilcon A silicone hydrogel materials | Poster |
| Schulze M, Luensmann D, Ng A, Panjwani F, Srinivasan S, Jones L | The relationship between the positioning of multifocal contact lens optics and satisfaction with vision | Poster |
| Subbaraman L, Heynen M, McCanna D, Omali N, Jansen M, Fadli Z, Toubouti Y, Coles-Brennan C, Jones L | Impact of pigment presence in etafilcon A on in vitro interaction of lysozyme and impact on inflammatory biomarker release | Paper |
| van Doorn K, Subbaraman L, Lemp J, Maissa C, Jones L | Reversibility of pollen adhesion to contact lenses | Paper |
| Leat SJ, Lewis, A, Werner J, Figuero M, Flannagan M | Vision in Aging SIG and Public Health and Environmental Vision Section symposium: Aging in the International Year of Light | Symposium Moderator |
| Cheong AMY, Lam HY, Siong KH, Chan HHL, Tsang WWN, Leat SJ | Effects of eye movements on postural sway in community dwelling older adults | Poster |
| Cheong AMY, Lam HY, Siong KH, Ting PWK, Tsang WWN, Leat SJ | Dynamic grating acuity in community dwelling older adults | Paper |
| MacIver S | Ellerbrock Presents: Grand Rounds VIII: Thickening of the ELM on SD-OCT: a novel method of detecting early Stargardt's disease and prognosis of the disease | Symposium Lecture |
| MacIver S, Furtado N, Reed K, Ruskin D, Chous P, Harrison W, et al. | Vitamins and other nutrition factors found to improve macular pigment optical density and contrast sensitivity in optometry convention attendees | Poster |
| Situ P, Begley C, Simpson T, Li Y, Becker LE, Thibos L | Schlieren optics to visualize and calibrate a novel pneumatic esthesiometer - a preliminary report | Poster |

Table 2. con't

| Author (s) | Title of presentation | Type of presentation |
|---|--|----------------------|
| Chalmers, RL, Wagner, H, Sorbara, L, Mitchel GL, Kinoshita BT, Lam DY, Richdale K, Zimmerman A, Collier S, Cope J, MacGurn MM, Rao M, Beach M, Yoder J. (Collaboration between Centers for Disease Control and Prevention and CLAY Study Group) | Is purchasing lenses from the prescriber associated with better soft lens wearers habits? | Poster |
| Zimmerman, A, Richdale, K, Mitchell, GL, Kinoshita, B, Lam, D, Wagner, H, Sorbara, L, Chalmers R, Collier S, Cope J, MacGurn A, Rao MM, Beach M, Yoder J. (Collaboration between Centers for Disease Control and Prevention and CLAY Study Group) | Contact lens wear and water exposures | Poster |
| Subbaraman, L | Contact Lens and Ocular Physiology Papers | Session Moderator |
| Thompson B | ARVO/AAO Joint Symposium sponsored by the Binocular Vision, Perception and Pediatric Optometry Section: Recovery of visual function in adults with amblyopia | Symposium Lecture |
| Anstice N, Paudel N, Denny S, Shea K, Thompson B, Jacobs R | Effect of astigmatic defocus on visual acuity measured with Cardiff acuity cards, Lea symbols, and Sloan letters in adults | Poster |
| Babu R, Raveendran R, Erkelens I, Chow A, Bobier W, Thompson B | Saccadic eye movement latencies in adults with amblyopia: the role of suppression | Paper |
| Gao T, Babu R, Dai S, Bobier W, Anstice N, Black J, Thompson B | Treatment of Amblyopia in Adults with Refractive Correction Alone | Paper |

Table 3. Presentations by optometry students from Canadian schools

| Author (s) | Title of presentation | Type of presentation |
|---|---|------------------------------|
| Gagné S, Labelle M, Marinier JA, Faucher C (Montreal) | The assessment of clinical reasoning development in low vision using the script concordance test | Poster |
| Hirano M, Hutchings N, Simpson T, Dalton K (Waterloo) | Investigation of the validity and repeatability of a novel system designed for the measurement of dynamic visual acuity | Poster |
| Hirano M, Hutchings N, Simpson T, Dalton K (Waterloo) | The Effect of Optotype Velocity and Trajectory on Dynamic Visual Acuity | Paper |
| Ho R, Babu R, Thompson B, Dalton K (Waterloo) | Ocular Dominance Varies With Test Distance | Poster |
| Perugino C, Charette S, Bitton E (Montreal) | Tear lubricant osmolalities | Hybrid poster (paper/poster) |
| Sayah D, Asaad K, Hanssens JM, Giraudet G, Faubert J (Montreal) | Differences in visually induced postural responses between myopes and emmetropes | Poster |
| Lampasona V, Langevin C, El-Zoghbi N, Hanssens JM, Bouchard JF (Montreal) | Evaluation of the preservation period of diagnostic eye drops | Poster |

Table 4. Presentations by Residents and Graduate students from Canadian Schools

| Author (s) | Title of presentation | Type of presentation |
|--|---|----------------------|
| Defalque H, Michaels J, Kapusta M, Overbury O (Montreal) | Fixation patterns after macular hole surgery: structural and functional recovery | Poster |
| Erkelens I, Bobier WR (Waterloo) | Vergence adaptation shows main sequence effect. | Poster |
| Haines L, Sorbara L (Waterloo) | Comparison of sagittal height of keratoconus and normal eyes using a novel eye surface profiler and Visante OCT | Poster |
| Labhishetty V, Bobier WR (Waterloo) | Are high lags of accommodation in myopic children due to motor deficits? | Poster |
| Ngo W, Srinivasan S, Jones L (Waterloo) | The impact of an eyelid warming device in the management of meibomian gland dysfunction | Paper |
| Ngo W, Srinivasan S, Jones L, Bitton E (Montreal/Waterloo) | Enhancement of clinical observation of <i>Demodex folliculorum</i> | Poster |
| Plourde M, Lebeau S, Corbeil ME, de Guise D (Montreal) | A case of ocular myasthenia gravis combined with a tonic pupil mistaken for partial third nerve palsy | Poster |

Table 5. New Fellows and Diplomates from Canada in 2015

| Name | Region | Status |
|---------------------|--------------|--------------------------|
| Raiju Babu | Waterloo, ON | FAAO |
| Catherine Chiarelli | Toronto, ON | Diplomate, Pediatrics/BV |
| Stacy Chong | Toronto, ON | FAAO |
| Angela Di Marco | Toronto, ON | FAAO |
| Caroline Faucher | Montreal, QC | FAAO |
| Ronald Gall | Oakville, ON | Diplomate, Pediatrics/BV |
| Nalisha Kassam | Calgary, AB | FAAO |
| Sung (Kelly) Lee | Toronto, ON | FAAO |
| Sandeep Randawa | Waterloo, ON | FAAO |
| Jessica Steen | Regina, SK | FAAO |
| Glenn Wicks | Victoria, BC | FAAO |