

In-focus

A newsletter of the School of Optometry

Vol. 22 | Issue 2 | 2019

TMU and PolyU co-establish Joint Laboratory of Optometry and Vision Science



TMU and PolyU co-establish Joint Laboratory of Optometry and Vision Science

The School of Optometry and Ophthalmology of Tianjin Medical University (TMU) and the School of Optometry (SO) of The Hong Kong Polytechnic University (PolyU) joined forces to establish the "TMU-PolyU Joint Laboratory of Optometry and Vision Science". Through interdisciplinary collaboration of researchers from both universities, it is expected to commence impactful research to greatly enhance the research capacity in optometry and vision science, and nurture talents in eye health profession for developing significant research and fostering knowledge-transfer outcomes.

The Partnership Agreement Signing cum Plaque Unveiling Ceremony was officiated at TMU on 9 May 2019 by Prof. Hua Yan, President, TMU and Prof. Chi-ho To, Head of SO, PolyU. Other guests included Prof. Ruhua Wei, The Party Committee Secretary and Director of the School, TMU, Prof. George Woo, Emeritus Professor and Senior Advisor, PolyU and Honorary Director of TMU's School of Optometry and Ophthalmology and representatives from the two universities.

Animal centre and research labs

There will be an animal centre in the joint laboratory with a total surface area of about 326 square meters (3,500 square feet). Apart from a quarantine inspection room and five laboratory animal breeding rooms, the joint laboratory will have an independent air condition system in compliance with national



Prof. Hua Yan, President, TMU (left) and Prof. Chi-ho To, Head of SO, PolyU endorse the partnership establishment.



(From right) Prof. George Woo, Prof. Chi-ho To, Prof. Hua Yan and Prof. Ruhua Wei attend the Partnership Agreement Signing cum Plaque Unveiling Ceremony.

standards and regulations for breeding environment and laboratory rooms for rodents, leporine, and simian species. The joint laboratory will serve as a base for experimental eye research utilizing these species.

Optometry laboratories and molecular biology laboratories will also be fully equipped in the joint laboratory for clinical teaching, and for cell experimental work respectively.

Greater volume of collaborative research and academic exchange

“As well as hardware support, the collaboration involves co-supervision of postgraduate studies between TMU and PolyU. We have reserved office space for principal investigators to physically monitor the research progress, exchange ideas, and supervise students in Tianjin”, said Dr Thomas Lam, Associate Head, School of Optometry, PolyU. “Projects affiliated with the joint laboratory will also have access to the patient pool of the Tianjin Medical University General Hospital for obtaining clinical samples for research initiatives. By synergizing the research expertise and experience of the partnering institutions, we could jointly apply for competitive grants available for collaborative research and/or jointly established facilities.”

The joint laboratory will address major vision-related imperatives and set up specific laboratories focusing on scientific eye research and optometry clinical research.



*Dr Thomas Lam, Associate Head,
School of Optometry, PolyU*



Representatives from PolyU and TMU.

WHAT'S HAPPENING IN THE SCHOOL

PolyU-HKIF Children Eye Care Project Launching Ceremony

The School and the Hong Kong Innovation Foundation by Sino Group, have launched the "PolyU-HKIF Children Eye Care Project" on 31 August 2019.

Under the two-year project, 200 myopic children aged 6-12 with -3.00 diopters or less will receive the Defocus Incorporated Multiple Segments (DIMS) Spectacle Lens jointly developed by PolyU and Hoya Corporation. The children will also be provided regular follow-up eye examinations. The objective is to help children from underprivileged families to control myopia progression at an optimal age and reduce vision problems attributed to myopia.



▲ Officiating guest of the ceremony. (From right) Mr Andrew Young, Associate Director (Innovation) of Sino Group, Mr Daryl Ng, JP, Deputy Chairman of Sino Group and Director of Ng Teng Fong Charitable Foundation, Dr Miranda Lou, Executive Vice President, PolyU, Prof. David Shum, Dean, Faculty of Health and Social Sciences and Prof. Carly Lam, Interim Head, School of Optometry, PolyU.

▼ Dr Dennis Tse, Associate Professor, School of Optometry, talks about the trend of myopia and introduced the design principle of the DIMS Lens.



▲ Group photo of officiating guests and beneficiaries.

World Sight Day 2019

Echoing World Sight Day 2019, the School of Optometry, the Hong Kong Society of Professional Optometrists, the Hong Kong Association of Private Practice Optometrists, the Eye Foundation, and the Hong Kong Contact Lens Research Association, jointly hosted a press conference on 25 September to urge the Hong Kong government to impose stricter eyesight requirements for drivers aged 65 years old or above who wish to obtain or renew their driving licences.



Eyesight tends to deteriorate more quickly in the elderly, even if their overall health is good. Many age-related eye conditions, including cataract, glaucoma, macular degeneration, diabetic retinopathy, can make driving dangerous if they are not detected and treated.

SO and the other organisations pointed out that 57% of minibus accidents and 39% relating to taxis in 2018 involved drivers aged above 60. At present, drivers aged 70 years or older are required to submit only a medical certificate every 3 years stating they can successfully read a vehicle number plate 23m away in good daylight. To improve road safety, SO and the other organisations called for the government to require all drivers aged 65 years or older to pass an eyesight test every 3 years to the Marine Department's standard for boat coxswains, and for drivers aged 70 years or older to pass the test every year. The test for coxswains examines their distant, intermediate, and near vision; peripheral vision; colour vision; and tests for double vision and night blindness.

The 17th Hong Kong International Optometric Symposium

Previously known as the Hong Kong Optometric Conference, the 17th Hong Kong International Optometric Symposium (HKIOS) attracting over 540 attendees was successfully held on 7 November 2019 at the Hong Kong Convention and Exhibition Centre, with the theme "Advancements in Optometric Specialties".

Jointly organized by the School of Optometry, the Hong Kong Trade Development Council (HKTDC), and the Hong Kong Optometric Association (HKOA), the HKIOS was certified by the Council on Optometric Practitioner Education (COPE) of USA for the first time this year. During the conference, six distinguished speakers from the USA, New Zealand, Malaysia, mainland China, and Hong Kong shared their insights in research and practice with the participants.



▲ Prof. Carly Lam, Interim Head of School of Optometry, delivers the welcoming remarks.



▲ Group photo of guests of honour and invited speakers.



◀ Ms Angel Wong, Senior Optometrist, gives a talk on "Clinical Diagnosis in Dry Eye Syndrome".

Healthy Vision Day

To promote eye and vision health care to schoolchildren, the “Vision of Love Mobile Eye Care Project” under the School of Optometry organized the “Healthy Vision Day” on 29 June 2019. With the support from C.N.E.C. Lui Ming Choi Primary School, the event took place on the primary school's campus in Tsing Yi and attracted over 200 parents and schoolchildren. The participants enjoyed a pleasant and meaningful morning.

There was a great variety of activities, including seminars, interactive workshops, exhibitions, and educational booths, to help students and parents learn about eye health, such as the information on eye diseases, theories of binocular vision, and duties of optometrists. In addition, the participants were reminded about daily eye care and the importance of protecting “the window of the soul”.



▲ Dr Chi-wai Do, Associate Professor of the School of Optometry, PolyU (left) presents the Certificate of Appreciation to Mr Chun-kong Ma, Principal of the C.N.E.C. Lui Ming Choi Primary School.



◀ The workshop activities include making a 3D optical illusion model and experiencing virtual reality.

▼ Participants enjoy taking part in activities at the educational booths.



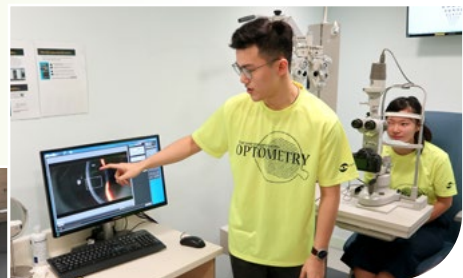
JUPAS Consultation Day 2019

PolyU JUPAS Consultation Day 2019 was successfully held on the PolyU campus on 18 May 2019. To provide updated admission strategies and programme information to JUPAS applicants, the School organized activities, including an Info Seminar, guided visits, and consultation sessions, which attracted dozens of parents and students.

Dr Patrick Ting, Clinical Associate, delivered the Info Seminar. Audiences learnt about the features of the programme and career prospect of graduates of the BSc (Hons) in Optometry Programme. Guided lab visits were also arranged to enhance participants' understanding of our programme. Optometry student ambassadors introduced and demonstrated the advanced equipment in the laboratory. After the guided visits, participants could join the consultation session, and interact with our academic staff and students to know more about the entrance requirements, curriculum, programme characteristics, and campus life.



▲ Student ambassadors introduce and demonstrate laboratory equipment to participants.



▲ Student ambassadors share their learning experience.

◀ Dr Patrick Ting delivers the Info Seminar.

Summer Programme 2019

Over 90 S5 and S6 students from 40 local secondary schools joined the Summer Programme 2019 on 16-17 July. The experiential programme consisted of interactive activities, a campus tour, and workshop for student. The participants are passionate about optometry and aiming to be a healthcare professional in the future.

The students toured the PolyU campus, optometry clinics, and the clinical laboratories, as well as gaining insights on optometry discipline and information on career prospects from sharing by academic staff and resident optometrists. Interactive activities, such as the use of an eye examination simulator and stereopsis workshop helped students to gain a better understanding of the eye care profession.

Twenty-two participants joined the extended hands-on activities on 19-20 July 2019. After the training, participants together with the students from the School of Optometry visited a non-governmental social welfare organization to provide community vision screening services to low-income families.



▲ Dr Patrick Ting, Clinical Associate, conduct a workshop on stereopsis and visual communication to students.



▲ Group photo of participants, students, and staff after providing vision screening services to the community in the extended activities day of the programme.

▶ Students visit the Optometry Research Clinic at PolyU.



SO Signs Memorandum of Understanding with The Hong Kong Society for the Blind to Enhance Collaboration

School of Optometry (SO) and The Hong Kong Society for the Blind (HKSB) signed a Memorandum of Understanding (MoU) on 7 August 2019.

SO and HKSB have established an abiding collaboration over the past years. The MoU will further enhance the clinical learning experience for SO students, promote joint efforts in fund application to support more research studies in low vision, and develop close collaboration between SO and HKSB for developing optimal models for vision rehabilitation.



(From left) Prof. David Shum, Dean of Health and Social Sciences, PolyU, Prof. Carly Lam, Interim Head, School of Optometry, PolyU, Ms Maureen Tam, Chief Executive, HKSB, Prof. George Woo, Emeritus Professor and Senior Advisor, and Mr Edwin Ng, Chief Financial Officer, HKSB

Donations to the School

Date	Donor	Purpose	Amount
May 2019	Mr Chan Chi Ming	To support the general development of the School	HK\$1,400
June 2019	Dr George Cheng	To support the general development of the School	HK\$1 million
July 2019	Mr Tong Chan Ho	To support student development of the School	HK\$1,000
August 2019	EK Optometric Centre Limited	To support the Vision of Love (VoL) Mobile Eye Care Project	35 pairs of spectacle frames (worth HK\$6,300)
August 2019	Ms Jessie Charm	To support the Vision of Love (VoL) Mobile Eye Care Project	70 pairs of spectacle frames (worth HK\$14,000)
August 2019	The Hong Kong Innovation Foundation (founded by Sino Group)	To support a 2-year "PolyU-HKIF Children Eye Care Project"	Support myopia control lens prescription and eye examination for 200 children
September 2019	Dr Victor Woo	To support the research development of the School	HK\$1 million
October 2019	Bausch and Lomb (Hong Kong) Limited	To support the student development of the School	281 bottles of contact lens solution (worth HK\$7,387)
October 2019	Okivest O/B Dreimlens Corporation Limited	To support the student development of the School	78 bottles of contact lens solution (worth HK\$16,480)
October 2019	Oculus Optical HK Limited	To support the student development of the School	2 sets of RGP trial lens (worth HK\$3,560)

Memorandum of Understanding

The School signed an agreement with:

- West China School of Medicine, Sichuan University for academic and research collaborations from 1 July 2019 to 30 June 2022.
- The Hong Kong Society for the Blind for academic and research collaborations from 1 August 2019 to 31 July 2024.
- Guangdong Optometric Association to enter the Innovative Union of Visual Health of Guangdong, Hong Kong and Macao from 1 November 2019 to 31 October 2021.
- Increasepharm (HK) Limited for research collaborations from 29 November 2019 to 28 November 2021.

OUR PEOPLE



Promotion

Prof. Chi-ho To was promoted to Chair Professor of Experimental Optometry with effect from 1 July 2019.

Appointments

Appointed Position	Name	Effective Date
Senior Ophthalmic Assistant	Ms Van Tso	2 May 2019
Customer Service Officer	Ms Yen Wong	2 May 2019
Customer Service Officer	Ms Debby Keung	8 May 2019
Customer Service Officer	Ms Yoyo Leung	27 May 2019
Project Assistant	Ms Pi Kou	15 July 2019
Resident Optometrist	Ms Jenny Kwong	1 August 2019
Resident Optometrist	Ms Yingkun Cui	9 September 2019

Honorary and Adjunct Appointments of the School

Appointed Position	New / Re-Appointment	Name	Affiliation
Chair Professor of Optometry under the Distinguished Chair Professor Scheme	New appointment	Prof. Sarah McGhee	School of Public Health, The University of Hong Kong
Honorary Professor	New appointment	Prof. Hua Yan	Tianjin Medical University
	Re-appointment	Prof. Jia Qu	School of Optometry & Ophthalmology and Eye Hospital, Wenzhou University
Adjunct Professor	New appointment	Prof. Wai-ching Lam	Department of Ophthalmology, The University of Hong Kong
		Prof. Jimmy Lai	Department of Ophthalmology of Hong Kong West Cluster; Department of Ophthalmology, The University of Hong Kong
		Prof. Susan Leat	School of Optometry and Vision Science, University of Waterloo
		Prof. Benjamin Thompson	School of Optometry and Vision Science, University of Waterloo
	Re-appointment	Dr George Cheng	Eye Centre, St. Paul's Hospital
		Prof. Wei Han	Zhejiang University
		Dr Kenneth Li	United Christian Hospital & Tseung Kwan O Hospital
		Prof. Long-qian Liu	Department of Optometry and Visual Sciences, West China School of Medicine, Sichuan University
		Dr Joseph Yeung	Private ophthalmologist

Honorary and Adjunct Appointments of the School

Appointed Position	New / Re-Appointment	Name	Affiliation
Adjunct Associate Professor	New appointment	Dr Keith Shun-kit Chan	Department of Ophthalmology, Queen Mary Hospital/ Grantham Hospital
		Prof. Lina Huang	Shenzhen Aier Eye Hospital
		Prof. Shuangnong Li	Shenzhen Aier Eye Hospital
		Prof. Jing Sima	Shenzhen Aier Eye Hospital
		Dr Ian Wong	Hong Kong Sanatorium & Hospital
		Dr Suk-ming Yim	Department of Ophthalmology of Queen Mary Hospital/ Grantham Hospital
	Re-appointment	Dr Desmond Cheng	Private optometrist
		Dr Jianmin Hu	Department of Ophthalmology, Fujian Medical University
		Dr Tim Lam	Private consultant
		Mr Simon Yeung	Solicitor
Adjunct Assistant Professor	New appointment	Dr Janice Jing Chee Cheung	Department of Ophthalmology, The University of Hong Kong
		Dr Benjamin Chung Yin Chu	Department of Ophthalmology, Queen Mary Hospital
		Dr Charles Sing Lok Lau	United Christian Hospital
		Dr Brian Churk Yat Li	United Christian Hospital
		Dr Candice Chi Han Liu	United Christian Hospital
		Dr Chen Lin	Shenzhen Aier Eye Hospital
		Dr Susanna Tsang	United Christian Hospital
		Dr Jasper Ka Wai Wong	Department of Ophthalmology, The University of Hong Kong
		Dr Nelson Kwok Foo Yip	United Christian Hospital
		Dr Yick Wai Fong	United Christian Hospital
		Re-appointment	Dr Ka-hong Au
	Dr Jonathan Cheuk Hung Chan		Department of Ophthalmology, The University of Hong Kong
	Dr Bonnie Nga Kwan Choy		Department of Ophthalmology, The University of Hong Kong
	Dr Wing Lau Ho		Department of Ophthalmology, Queen Mary Hospital
	Dr Connie Hong Yee Lai		Department of Ophthalmology, Queen Mary Hospital/Grantham Hospital

Appointed Position	New / Re-Appointment	Name	Affiliation
Adjunct Assistant Professor	Re-appointment	Dr Teresa Shiu-ting Mak	United Christian Hospital
		Dr Alex Lap-ki Ng	Department of Ophthalmology, The University of Hong Kong
		Dr Hoi Yau Tang	United Christian Hospital
		Dr Raymond Kai-tat Tang	Department of Ophthalmology, Queen Mary Hospital/Grantham Hospital
		Dr Emily Wai-ho Tang	United Christian Hospital
Adjunct Clinical Associate	New appointment	Dr Stephanie Kar-yee Chu	United Christian Hospital
		Dr Qing Li	Department of Ophthalmology, Queen Mary Hospital/Grantham Hospital
		Dr Anthony Kwan-ho Mak	Department of Ophthalmology, Queen Mary Hospital/Grantham Hospital
		Dr Tsz-chun To	United Christian Hospital
		Dr Stephanie Wing-ki Yuk	Department of Ophthalmology, Queen Mary Hospital/Grantham Hospital
	Re-appointment	Dr Yvonne Yee-yan Chan	United Christian Hospital
		Dr Loraine Lok-wan Chow	Department of Ophthalmology, Queen Mary Hospital
		Dr Sharon She-wan Chow	Department of Ophthalmology, Queen Mary Hospital
		Dr Claire Wai-yin Chow	United Christian Hospital
		Dr Victor Sui-chun Chu	United Christian Hospital
		Dr Michelle Ching-yim Fan	Department of Ophthalmology, Queen Mary Hospital/Grantham Hospital
		Dr Nicholas Siu-kay Fung	Department of Ophthalmology, The University of Hong Kong
		Dr Jennifer Chien-hui Hung	Department of Ophthalmology, Queen Mary Hospital
		Dr Lawrence Pui-leung Lu	Department of Ophthalmology, Queen Mary Hospital
		Dr Shasha Liu	United Christian Hospital
		Dr Vikki Wing-kei Ng	United Christian Hospital
		Dr Geoffrey Chik-hei Tang	United Christian Hospital
		Dr Samuela Wan-ki Tang	United Christian Hospital
		Dr Daniel Ho-tak Wong	United Christian Hospital
		Dr Tiffany Lok-man Yeung	United Christian Hospital

Achievements

Awards and Grants

Congratulations to staff members and students of the School on receiving the following awards and grants:

Staff	Award/Grant	Details	Funding Amount
Mr Byung Soo Kang, Mr Bingyuan Kong and Dr Chea-su Kee	Best Oral Presentation Award	9th International Optometric Conference in Korea, 2019	N/A
Ms Seema Banerjee, Ms Qin Wang and Dr Feng Pan	Best Poster Award	1st ABCT Research Postgraduate Symposium in the Biology Discipline	N/A
Dr Allen Cheong	Departmental General Research Fund	Relationship of Eye Movements Characteristics and Chinese Reading Performances in Patients with Age-related Macular Degeneration	HK\$79,844
Dr Chi-wai Do		Experimental Approaches for Evaluating Neuroprotection in Glaucoma	HK\$65,000
Dr Feng Pan		Retinal Ganglion Cell Coherent Spiking is Mediated by Electrically Coupled Networks	HK\$62,500
Dr Chi-wai Do	Health and Medical Research Fund (HMRF)	Neuroprotective Effect of Baicalein Against Chronic Ocular Hypertension	HK\$1,105,000
Dr Tina Lian		The Cost-Effectiveness of Myopia Control to Retard the Progression from High Myopia	HK\$54,7000
Dr Dennis Tse	ITF - Innovation and Technology Support Programme - Tier 3	Developing a Head-mount Display Unit That Control Myopia in Schoolchildren	HK\$2,050,690.32
Prof. Pauline Cho	Menicon Co. Ltd., Japan	Accrued Effect of Orthokeratology for Myopia Control in Children and the Effectiveness of Myopia Control Using an Innovative Orthokeratology Modality	HK\$6,803,615
Prof. Carly Lam	Dean's Reserve	Specialty Eye Care Services for Children with Special Needs	HK\$100,000
Dr Allen Cheong	Velux Stiftung	Improving Vision in Adults with Macular Degeneration	HK\$1,018,833.36
Dr Thomas Lam	General Research Fund	Atropine mediated proteins in myopia control: Insights from a new mammalian guinea pig model using an integrated next-generation proteomics strategy	HK\$1,041,432

Prof. George Woo received Honorary Degree from University of Waterloo, Canada

Prof. George Woo, Emeritus Professor of Optometry and Senior Advisor of the School, received an honorary Doctor of Science degree, honoris causa, at the Spring Convocation ceremony of the University of Waterloo, Canada, on 13 June 2019.

As former Head of PolyU's School of Optometry and former Dean of Faculty of Health and Social Sciences, Prof. Woo is also an alumnus of and a Professor Emeritus of Optometry at the University of Waterloo. The honorary degree was bestowed on Prof. Woo in recognition of his enormous academic and service contributions to his alma mater as well as for his distinguished accomplishments in optometry.



Dr Chea-su Kee received a grant of \$3.6M for building a portable cornea shape analyser

Dr Chea-su Kee, Associate Professor and Associate Head of the School, has secured a grant of HK\$3.6 million from the government's competitive Innovation and Technology Fund for Better Living for his "Development of a smart portable corneal topographer for characterising corneal shape in young children".

The 3-year project aims to establish a portable artificial intelligence-based system to analyse and categorise corneal shape for medical and optometric use. The research team led by Dr Kee would systematically quantify and investigate the changes in corneal shape in child development and their role in the development of refractive errors.

Prof. Maurice Yap appointed as Visiting Professor of the Eye College / Ineye Hospital of Chengdu University of Traditional Chinese Medicine

Prof. Maurice Yap, K.B. Woo Family Professor in Optometry and Chair Professor of Optometry (right, first row) was appointed as a Visiting Professor by Eye College / Ineye Hospital of Chengdu University of Traditional Chinese Medicine for a term of three years from May 2019.



Prof. Pauline Cho appointed as Visiting Professor of Peking University and Sichuan University

Prof. Pauline Cho was appointed as a Visiting Professor by the College of Optometry, Peking University from July 2018 to July 2020. She is also a Visiting Professor of the Department of Optometry and Visual Science, West China Medical School of Sichuan University from 3 June 2019 to 2 June 2021.



Prof. Zhao Mingwei, Executive President of College of Optometry, Peking University Health Science Center (left) presents the appointment certificate to Prof. Pauline Cho (center).

Prof. Liu Longqian, Head, Department of Optometry and Visual Science, West China Medical School of Sichuan University (left) presents the appointment certificate to Prof. Pauline Cho.



Prof. Chi-ho To appointed as Visiting Professor of Peking University

Prof. Chi-ho To was appointed as a Visiting Professor by the College of Optometry, Peking University from July 2018 to July 2020.

Dr Andrew Lam scores top at the 17th International SPECTRALIS Symposium

Dr Andrew Lam (first from right) was the winner beating all participants, including ophthalmologists and vision scientists, to get the highest number of correct answers to questions raised by speakers at the 17th International SPECTRALIS Symposium in Korea on 18-19 October 2019. He has donated the prize (two reference books) to the clinic.



Mr Horace Wong recognized as new AAO fellow

Mr Horace Wong, Optometrist, completed a rigorous qualification process to become a Fellow of the American Academy of Optometry (FAAO) at the Academy's 2019 annual meeting in Orlando in October.

In order to qualify, individuals are evaluated against the highest standards of professional competence. The FAAO title after an optometrist's name signify to colleagues and patients that the rigorous qualifications for fellowship have been met. Less than 10 percent of practicing optometrists are Fellows of the American Academy of Optometry.

Visitors to the School

May 2019

- 24 Zeiss Vision Care
- Dr Matthias Meta, President & CEO of Carl Zeiss Vision International GmbH
 - Mr Maximilian Foerst, President & Managing Director, Carl ZEISS Greater China
 - Dr Siegfried Wahl, Head of Advanced Development and Director ZEISS Vision Science Lab
 - Mr Wilson Peng, Managing Director, China
 - Mr Cheong Peng Tat, Vice President Vision Care & SPO (Hong Kong, Macau & Taiwan) and Vice President MED (Taiwan)
 - Mr Jerome Chan, Director, Sales & Marketing (Hong Kong & Macau)
 - Ms Janet Wong, Key Account Manager

June 2019

- 25 The University of Manchester
- Dr Hema Radhakrishnan, Associate Dean for Social Responsibility & Reader in Optometry, Faculty of Biology, Medicine and Health

August 2019

- 30 Primary Healthcare Office & District Health Centre
- Dr Cissy Yu-sze Choy, Head of Primary Healthcare Office
 - Mr Jimmy Yeung-key Wu, Director of District Health Centre

September 2019

- 16 Hysan Foundation
- Ms Cecilia Ho, President
 - Mr Clifford Chow, Vice President
 - Ms Janny Lau, Senior Project Manager
 - Ms Yvonne Lee, Project Manager
 - Ms Joyce Xu, Project Officer

- 20 Delegation of Hoya from the Asia-Pacific countries

October 2019

- 10 University of Waterloo
- Prof. Bob Lemieux, Dean of Science, Faculty of Science
 - Prof. Donna Strickland, Professor, Department of Physics and Astronomy
 - Prof. Laura Lemieux, Continuing Lecturer, Department of Biology
 - Prof. Benjamin Thompson, Professor, School of Optometry & Vision Science
 - Mr Dave Timms, Director of Advancement, Faculty of Science
 - Ms Pamela Smyth, Media Relations Manager

- 17 Transport Department, HKSAR
- Mr Sunny Yeung, Principal Executive Officer/ VALID & Licensing
 - Ms Jenny Cheung, Chief Executive Officer/ Licensing 1
 - Ms Fiona Lai, Senior Executive Officer/ Licensing 1

- 23 Taikang Insurance Group
- Ms Candy Yuen, CEO Designate
 - Mr Dennis Chan, Head of Products
 - Mr Tony Wang, Distribution Senior Supervisor
 - Ms Lisa Yang, Executive Assistant

Secondary School Visits

Date	Visitors	Speaker(s)	Activity
10 May 2019	Valtorta College <ul style="list-style-type: none"> Teachers and secondary school students 	Dr Rita Sum, Dr Patrick Ting and Dr Jeffrey Leung	Optometry Clinic visit
25 June 2019	HKBUAS Wong Kam Fai Secondary and Primary School <ul style="list-style-type: none"> Teachers and secondary school students 	Dr Chea-su Kee and Dr Allen Cheong	Optometry Clinic visit

Optometry Residency Programme

Ms Dick-man Lam, Mr Chun-hong Lau, Ms Tsz-yan Mong and Ms Hiu-yan So completed the 2-year Optometry Residency Programme on 31 July 2019.



Senior Resident Optometrists received the certificate of completion from Prof. Chi-ho To (center), Head of School. (From left) Ms Hiu-yan So, Ms Dick-man Lam, Mr Chun-hong Lau and Ms Tsz-yan Mong.

OUR RESEARCH

Conference Presentations

Conference Title, Venue and Date	Title of Presentation	Author(s)
Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO), Canada, 28 April - 2 May 2019	Molecule trehalose against oxidative damage in the human retinal pigment epithelial cells	Mr Samuel Abokyi, Prof. Chi-ho To, Dr Samantha Shan, Dr Henry Chan, Dr Dennis Tse
	Defocused images affect the multi-neuronal firing patterns in the mouse retina-a multielectrode array study	Ms Seema Banerjee, Ms Qin Wang, Dr Feng Pan
	Saccadic eye movement abnormalities in Parkinson's disease	Dr Allen Cheong, Ms Yan Lam, Dr Larry Abel, Dr Paul Lee, Dr Anne Chan, Dr Yuk-fai Cheung, Dr Leonard Li, Dr Richard Li, Mr Roger Li
	The effect of monochromatic light on eye growth of chicks with competing optical defocus	Dr Rachel Chun, Ms Hing-yi Li, Mr Hoi-lam So, Mr Chi-fung Yiu, Mr KK Li, Dr Thomas Lam, Dr Dennis Tse, Prof. Chi-ho To
	Quantitative proteomic analysis of retina in progressive retinal ganglion cell (RGC) degeneration using SWATH-MS	Dr Jacky Kwong, Dr Thomas Lam, Mr KK Li, Prof. Chi-ho To , Dr Joseph Caprioli
	Recovery of corneal hysteresis and tangent modulus from long-term overnight orthokeratology	Dr Andrew Lam , Dr Shanica Hon Y, Mr Sam Ka-yue Lee, Mr Shu-ho Lu, Mr Jones Chong, David CC Lam
	Effect of Defocus Incorporated Multiple Segments (DIMS) spectacle lens wear on visual functions in myopic children	Prof. Carly Lam, Dr Wing Tang, Mr Roger Lee, Dr Rachel Chun, Prof. Chi-ho To
	Prevalence of anisometropia and its effects on visual acuity and stereoacuity, and anisometric spectacle prescribing pattern in a clinical population	Dr Myra Leung, Mr Mezbah Uddin, Prof. Carly Lam
	Improving grating acuity in adult amblyopia by perceptual learning	Dr Jeffrey Leung , Ms Michelle Antonucci, Ms Sue-cheng Wong, Mr Kin-ho Chan, Mr Blake Feldmar, Mr Kenneth Tran, Dr Chea-su Kee , Dr Roger Li
	A role for insulin-like growth factor binding protein-like 1 in microglia	Ms Li Pan, Dr Xin Wei, Dr Kin-sang Cho, Dr Chi-wai Do , Prof. Dong-feng Chen
	Cyclooxygenase-1 (COX-1) modulates neuroinflammation in the rd10 mouse model of retinitis pigmentosa	Dr Bin Lin, Ms. Wei Yang, Mr Meng Cheng, Ms Rong Li
	The effects of a Rho-associated protein kinase (ROCK) inhibitor (Y39983) on human trabecular meshwork cells – a morphological and proteomic study	Dr Samantha Shan, Dr Thomas Lam, Prof. William D. Stamer, Ms Hoi-lam Li, Dr Chi-wai Do, Prof. Chi-ho To
	Altered retinal responses in chicken myopia model using image-guided global flash multifocal electroretinogram	Ms Sonal Aswin Vyas, Ms Yamunadevi Lakshmanan, Dr Henry Chan, Dr Chea-su Kee
Relative Impact of Defocus Incorporated Multiple Segments (DIMS) spectacle lenses on Relative Peripheral Refraction (RPR): a 2-year randomized clinical trial	Ms Andrea Zhang, Prof. Carly Lam, Dr Wing Tang, Prof. Chi-ho To	

Conference Title, Venue and Date	Title of Presentation	Author(s)
British Contact Lens Association (BCLA) Clinical Conference & Exhibition, UK, 30 May - 1 June 2019	The good, the bad, and the ugly: Lens cases and biofilm	<u>Dr Maureen Boost, Prof. Pauline Cho</u>
	To investigate reliability of crystal violet (CV) staining to determine the presence of biofilm in lens cases	<u>Dr Maureen Boost</u>
	Cleaning effectiveness of a povidone-iodine based disinfecting solution for orthokeratology lenses	<u>Dr Peggy Cheung, Dr Maureen Boost, Prof. Pauline Cho</u>
	Comparison of a povidone-iodine containing multi-purpose solution with other MPS for rigid lenses against bacterial biofilm	<u>Prof. Pauline Cho, Dr Maureen Boost</u>
	First month preliminary results of orthokeratology lens wear with increased compression factor	<u>Mr Ken Wan, Mr Jason Lau, Dr Peggy Cheung, Prof. Pauline Cho</u>
International Alzheimer's Disease Conference 2019. Hong Kong, China, 31 May - 1 Jun 2019	A non-clinical study of working memory capacity in the detection of Alzheimer's disease: relationship between electroencephalogram and optical coherence tomography angiography	Prof. Chetwyn Che-Hin Chan, Prof Daniel Wai-Leung Lai, <u>Dr Henry Chan</u> , Dr Bess Yin-Hung Lam, Dr Jessica Li, Dr Amy Fu, Ms Mabel Ngai-Kiu Wong
Health Research Symposium 2019, Hong Kong, 12 June 2019	Cone rescue in retinitis pigmentosa by the treatment of Lycium barbarum	<u>Dr Henry Chan</u> , Prof Kwok-fai So, Dr Raymond Chuen-chung Chang, Prof. Jimmy Lai, <u>Dr Chi-wai Do</u> , Prof. Iris Benzie, Dr Leung Chin Pang
	Effectiveness of perceptual learning in reading rehabilitation for patients with diabetic macular oedema – Randomized controlled trial	<u>Dr Allen Cheong, Dr Ronnie Huang, Ms Celia Tsang</u> , Dr Ian Wong, Dr Victor Chong, Dr Marten Brelen, <u>Dr Henry Chan</u> , Dr Sing-hang Cheung
The 22nd Asia Pacific Optometry Congress (APOC), The Philippines, 17-20 June 2019	Myopia management: my top tip for myopia management.	<u>Prof. Pauline Cho</u>
	Orthokeratology for myopia control – recent developments and combined Ortho-k and 0.01% atropine therapy.	<u>Prof. Pauline Cho</u>
	Myopia management - the way forward.	<u>Prof. Carly Lam</u>
粵港澳大灣區視覺健康論壇暨廣東省眼科光學術會議, China, 21-23 June 2019	Orthokeratology for myopia control: is there an age effect?	<u>Prof. Pauline Cho</u>
Tianjin International Ophthalmology Forum 2019, China, 5-7 July 2019	Application of transcranial brain stimulation on improving visual function	<u>Dr Allen Cheong</u>
	Enhancement of reading performance through eye movement training	<u>Prof. Carly Lam</u>
	Potential significance of connexins in mediating aqueous humor inflow	<u>Dr Chi-wai Do</u>
	All amacrine cell coupling in the myopic retina	<u>Dr Feng Pan</u>
	Impacts of astigmatism on myopia development in chicks	<u>Dr Chea-su Kee</u>
	Chronic neuroinflammation in retinitis pigmentosa	<u>Dr Bin Lin</u>

Conference Title, Venue and Date	Title of Presentation	Author(s)
Vision China, China, 25-28 July 2019	Validity of using fluorescein pattern analysis to assess orthokeratology lens fit	<u>Prof. Pauline Cho</u>
	Knowledge and attitude of parents towards myopia control information for their children	<u>Prof. Pauline Cho</u>
The 17 th International Myopia Conference (IMC), Japan, 12-15 September 2019	Visual performance of a modified defocus incorporated soft contact (M-Disc) lens in young myopes	Ms Andrea Zhang, <u>Prof. Carly Lam</u> , Dr Wing Tang, Dr Myra Leung
	Changes of global flash multifocal electroretinogram (mfERG) response after six-month 0.1% atropine treatment	<u>Dr Serena Li</u> , <u>Dr Lydia Yu</u> , Mr Kai-yip Choi, <u>Dr Henry Chan</u>
	Connexin36 phosphorylation in All amacrine cell coupling of the myopic retina	<u>Dr Feng Pan</u> , <u>Dr Dennis Tse</u> , Dr Bin Lin, Ms Seema Banerjee, Ms Wang Qin
	Myopia risk factors in a local versus an international primary school in Hong Kong; a preliminary analysis of a parent administered questionnaire	Ms Yuanyuan Liang, <u>Dr Jeffrey Leung</u> , Dr Tina Lian, <u>Dr Chea-su Kee</u>
	Effects of myopic-astigmatic development on retinal functions in chicken	Ms Sonal Aswin Vyas, Ms Yamunadevi Lakshmanan, Dr Henry Chan, <u>Dr Chea-su Kee</u>
	Orthokeratology for myopia control research in Japan	<u>Prof. Pauline Cho</u>
	Slowing axial elongation in children using combined orthokeratology and 0.01% atropine therapy: 6-month results showing potential	<u>Prof. Pauline Cho</u> , Ms Qi Tan
	Effect of defocus incorporated multiple segments (DIMS) spectacles lens on myopic progression in children – 3-year results	Prof. Carly Lam, Dr Wing Tang, Dr Dennis Tse, Ms Andrea Zhang, <u>Dr Rachel Chun</u> , <u>Prof. Chi-ho To</u>
	The effect of Orthokeratology compression factor on ocular higher-order aberrations	<u>Mr Jason Lau</u> , Dr Peggy Cheung, Prof. Pauline Cho
Defocus characteristics of home-working scene of Hong Kong Schoolchildren and association with their refractive error change	<u>Mr Kai-yip Choi</u>	
The 18th Human Proteome Organization World Congress, Australia, 15-19 September 2019	Efficient sample preparation of human tears proteomic workflow using S-TrapTM	Mr Jimmy Cheung, Mr Yin-hon Sze, Mr KK Li, <u>Dr Thomas Lam</u>
The 9th Annual Conference of World Federation Chinese Medicine in Ophthalmology, China, 18-20 October 2019	黃芩素對房水動力學的雙重作用	<u>Dr Chi-wai Do</u>
	Corneal biology changes in highly myopic chicks	<u>Dr Chea-su Kee</u>

Conference Title, Venue and Date	Title of Presentation	Author(s)
Neuroscience 2019, USA, 19-23 October 2019	Effects of levels of illumination and visual tasks on postural stability in older adults	Dr Allen Cheong, Ms Yan Lam, Ms Venus Suen, Ms Celia Tsang, Prof. George Woo , Mr Joseph Cho, Mr Joseph Kwan, Dr Larry Abel, Dr Paul Lee, Prof. William Tsang
Annual Meeting and 3 rd World Congress of Optometry, American Academy of Optometry (AAO), USA, 23-27 October 2019	Impacts of environmental illumination and visual-cognitive task on perturbed postural control in community-dwelling older adults	Dr Allen Cheong, Ms Yan Lam, Ms Venus Suen, Ms Celia Tsang , Prof. George Woo, Mr Joseph Cho, Mr Joseph Kwan, Dr Larry Abel, Dr Paul Lee, Prof. William Tsang
	Impact of visual functions on balance performance in students with intellectual disabilities	Dr Allen Cheong, Mr Horace Wong, Mr Kai-yip Choi, Ms Olivia Ho , Prof. Tseng Jung-kai, Mr Chen Ching-chung, Mr Wu Chieh-lin, Dr Helen Eng, Prof. George Woo
	Acute transient intraocular pressure elevation through Proview eye pressure monitor	Dr Andrew Lam, Mr Horace Wong , Dr Shanica Hon, Ms Xing-ying Wang
	Retinal sublayer characteristics of multiple sclerosis and neuromyelitis optica spectrum disorder through optical coherence tomography	Dr Andrew Lam, Mr Jimmy Tse, Dr Lydia Yu
	Effect of caffeine on macular perfusion in high myopes by optical coherence tomography angiography	Dr Andrew Lam
	Fixation stability in amblyopia with different severities and its relationship with visual acuity, stereo acuity and age	Dr Peter Pang, Prof. Carly Lam
International Summit of Specialty Contact Lenses, Italy, 9-10 November 2019	The role of optometrists in primary eye care	Prof. Stanley Woo and Prof. George Woo
	Axial length and its relevance in Orthokeratology options for myopia control	Prof. Pauline Cho
江西省首屆兒童青少年近視防控論壇, China, 11 December 2019	Combined orthokeratology and 0.01% atropine therapy (1 year results)	Prof. Pauline Cho
	控制近視進展的管理策略	Prof. George Woo
West Lake Forum on Vision Health & Myopia Prevention and Control, China, 19-20 December 2019	Recent Developments in Orthokeratology for myopia control	Prof. Pauline Cho

Staff/Students of the School of Optometry bolded and presenters underlined.

New Papers

Leung KH, Luo S, Kwarteng R, Chen SG, Yap MKH, Huang CL, Yip SP. (2019). The myopia susceptibility locus vasoactive intestinal peptide receptor 2 (VIPR2) contains variants with opposite effects. *Sci Rep.* 9(1):18165. DOI: <https://doi.org/10.1038/s41598-019-54619-8>.

Zeri F, Tavazzi S, Swann PG. (2019). A frog jumping into the pupil. A case of persistent pupillary membrane. *Atlas of Anterior Segment OCT Vol 2*, Fabiano Editore, 83-86.

Guo M, Zhao M, Cheong AMY, Dai H, Lam AKC, Zhou Y. (2019). Automatic quantification of superficial foveal avascular zone in optical coherence tomography angiography implemented with deep learning. *Visual Computing for Industry, Biomedicine, and Art*, 2(21), 1-9. DOI: <https://doi.org/10.1186/s42492-019-0031-8>.

Wan K, Lau JKK, Cheung SW, Cho P. (2019). Refractive and corneal responses of young myopic children to short-term orthokeratology treatment with different compression factors. *Contact Lens and Anterior Eye*. DOI: <https://doi.org/10.1016/j.clae.2019.10.134>.

Cho P, Poon HY, Chen CC, Yuon LT. (2019). To rub or not to rub? – Effective rigid contact lens cleaning. *Ophthalmic Physiol Optics*. DOI: <https://doi.org/10.1111/opo.12655>.

Lakshmanan Y, Wong FSY, Zuo B, So KF, Bui BV, Chan HHL. (2019). Posttreatment Intervention With Lycium Barbarum Polysaccharides is Neuroprotective in a Rat Model of Chronic Ocular Hypertension. *Investigative Ophthalmology & Visual Science*, 60(14), 4606-4618. DOI: <https://doi.org/10.1167/iovs.19-27886>.

Chen AH, Baka NFA, Lam CSY. (2019) Comparison of open-ended and close-ended questions to determine signs and symptoms of eye problems among children. *J of Optom*, DOI: <https://doi.org/10.1016/j.optom.2019.07.002>.

林國璋 (2019) 。〈不容忽「視」：學生健康服務〉。載余雲楚主編《香港基層醫療健康護理服務：願景與挑戰》(頁 144-154)。香港，香港：中華書局(香港)有限公司。

Lam AKC, Hon Y, Leung SY, Lu SH, Chong J, Lam DCC. (2019). Association between long-term orthokeratology responses and corneal biomechanics. *Sci Rep.* 9:12566. DOI: <https://doi.org/10.1038/s41598-019-49041-z>.

杜蓓, 林娜娜, 胡志城, 韓丁, 張紅. 視覺障礙患者病因分析及不同類型助視器的應用評估. *中華實驗眼科雜誌*, 2019, 37(7)

Lau JK, Wan K, Cheung SW, Vincent SJ, Cho P. (2019). Weekly changes in axial length and choroidal thickness in children during and following orthokeratology treatment with different compression factors. *Transl Vis Sci Technol.* 2019 Jul; 8(4): 9 DOI: <https://doi.org/10.1167/tvst.8.4.9>.

Lee CH, Woo GC, Huang SY, Sun HY, Yeh SM. (2019). Imaging vitreous floaters and cataracts with optical simulations, *Optik - International Journal for Light and Electron Optics*, 194: 163075. DOI: <https://doi.org/10.1016/j.ijleo.2019.163075>.

Ronchetti T, Jud C, Maloca PM, Orgul S, Giger AT, Meier C, Scholl HPN, Chun RKM, Liu Q, To CH. (2019). Povazay B and Cattin PC. Statistical Framework for Validation without Ground Truth of Choroidal Thickness Changes Detection. *PLoS One*, 14(6):e0218776. DOI: <https://doi.org/10.1371/journal.pone.0218776>.

Lam AKC, Tai SKY, Chan JKT, Ng RWC. (2019). Lower Tear Meniscus Height Measurements Using Keratography and Swept-Source Optical Coherence Tomography and Effect of Fluorescein Instillation Methods. *Current Eye Research*, DOI: <https://doi.org/10.1080/02713683.2019.1629598>.

Pan F. (2019). Defocused Image Changes Signaling of Ganglion Cells in the Mouse Retina. *Cells*. 8. 640. DOI: <https://doi.org/10.3390/cells8070640>.

Cho P. Orthokeratology. In: Azar D, Gatinel D (eds) *Refractive Surgery*, 3rd edition. Elsevier, St Louis. 2020:350-355.

<p>Tang WC, Leung M, Wong ACK, To C, Lam CSY. (2019) Optical Interventions for Myopia Control. In: Ang M., Wong T. (eds) <i>Updates on Myopia</i>. Springer, Singapore First Online 10 October 2019, DOI: http://doi.org/10.1007/978-981-13-8491-2_14.</p>	<p>Yang B, Liu LQ, Cho P. (2019). Does Long-Term Rigid Contact Lens Wear Lead to Acquired Blepharoptosis in Chinese Eyes? <i>Eye Contact Lens</i>. 2019 Apr 9. DOI: https://doi.org/10.1097/icl.0000000000000607.</p>
<p>Cho P, Boost MV. (2019). Evaluation of prevention and disruption of biofilm in contact lens cases. <i>Ophthalmic Physiol Opt</i>. DOI: https://doi.org/10.1111/opo.12635.</p>	<p>Lakshmanan Y, Wong FSY, Yu WY, Li SZC, Choi KY, So KF, Chan HHL. (2019). Lycium Barbarum Polysaccharides Rescue Neurodegeneration in an Acute Ocular Hypertension Rat Model Under Pre- and Posttreatment Conditions. <i>Invest Ophthalmol Vis Sci</i>. 2019;60:2023–2033. DOI: https://doi.org/10.1167/iops.19-26752.</p>
<p>Wang JL, Liu LQ, Boost M, Yap M, Cho P. (2019). Risk factors associated with contamination of orthokeratology lens cases. <i>Cont Lens Anterior Eye</i>. pii: S1367-0484(19)30121-3. DOI: https://doi.org/10.1016/j.clae.2019.08.007.</p>	<p>Lam CSY, Tang WC, Tse DYY, Lee RPK, Chun RKM, Hasegawa K, Qi H, Hatanaka T, To CH. (2019). Defocus Incorporated Multiple Segments (DIMS) spectacle lenses slow myopia progression: a 2-year randomised clinical trial. <i>Br J Ophthalmol</i>. 2019; 0:bjophthalmol-2018-313739v-bjophthalmol-2018-313739.</p>
<p>Lau JK, Vincent SJ, Cheung SW, Cho P. (2019). The influence of orthokeratology compression factor on ocular higher-order aberrations. <i>Clin Exp Optom</i>. DOI: https://doi.org/10.1111/cxo.12933.</p>	<p>Lau JK, Cheung SW, Collins MJ, Cho P. (2019). Repeatability of choroidal thickness measurements with Spectralis OCT images. <i>BMJ Open Ophthalmology</i>.2019;4:e000237. DOI: http://dx.doi.org/10.1136/bmjophth-2018-000237.</p>

Upcoming Conferences / Seminars / Workshops

Details	Date & Venue
SO-BCLA-HKAOK Orthokeratology Continuing Education (Comprehensive) Course	Sept 2019 – Oct 2020 (Rescheduled) The Hong Kong Polytechnic University
The 18th Hong Kong International Optometric Symposium	5 November 2020 (Thursday) Hong Kong Convention & Exhibition Centre

STUDENT CORNER

Student Learning Experience

Ms Katie Ka-hei Ho
Winner of the Scholarship for Global Leadership and Civic Engagement (GLCE) Exchange Programme Graduate (Class of 2019), Optometry
Exchange Period: 30 May – 29 June 2019
University of Southern California, United States

During this exchange programme in the University of Southern California (USC), I have learnt about homelessness issues in the United States, especially in California, where the highest population of homeless was reported. The lectures, held by the Social Work Department of USC, taught me how to use different social models and data to dig into the root cause of the problem with various research data. Knowledge of the root cause increases the chance to solve the problem systematically. This experience has not only alerted me to the plight of these marginalized groups in our community, but also the importance of being more civically engaged in society, by serving our community upon my graduation.



A homeless person sleeping on the street outside the shelter, with poor living conditions.

"My first music jamming in my life, with so many people with different backgrounds and nationalities. This experience in Urban Voices Project was really inspiring."
by Katie (1st from right)



Preparing meals with other volunteers from the Midnight Mission, one of the NGOs serving the homeless.



Dylan (2nd from right of upper row) and fellow flutists on the performance night.

Mr Dylan Chak-wa Lam
Year 4, Optometry
Exchange Period: 2 - 5 June 2019
University of Stuttgart, Stuttgart, Germany

"An Indulging Music Night in Stuttgart"

Thousands of miles from the School of Optometry, escaping from my hectic school life and filled with the elegance of music, I was in the spectacular concert hall of the University of Stuttgart. Thanks to the PolyU Orchestra, I was granted a

precious opportunity to join the exchange concert in Germany in June 2019.

It was an unforgettable night, with the German students and conductors displaying not only skillful expertise, but also unique expressions of individuality. It made me realize that the beauty of music is not only the result of rote learning or mere practice, but more importantly, showing the audience your own true self, your own heartfelt sentiments, and ideas, along with the skill you possess to the audience. Our orchestral performance was praised with applause, which assured us of all of the worth of our efforts. Although the trip was short, I really enjoyed getting along with local students and my time in Germany.

As a student of optometry, reminiscing my experience in Stuttgart reminded me that the delicacy of music lies in an eclectic mix of skill, artistic expression, and personal appreciation, which closely resembles optometry, where the rigidity of knowledge and comprehensive training is balanced with subjective communication and understanding of patients' needs.

Finally, I would like to thank PolyU Orchestra again for organizing such an inspiring programme, which I believe will be one of the most valuable experiences in my university life.

Award and Honour

Student Francis Lam Tsz To awarded Faculty Outstanding Student Award

Optometry Final year student Mr Lam Tsz To, Francis has been recognized as the Outstanding Student of the School of Optometry as well as the Outstanding Student of the Faculty of Health and Social Sciences under the PolyU Outstanding Students Award Scheme 2019.

In the past five years of study, Francis has received a number of competitive scholarships, including the HKSAR Government Scholarship for four consecutive years, Dr. Ng Tat-lun Memorial Scholarship, and scholarships for the Best Student in BSc (Hons) in Optometry of the study year for three consecutive years. He has also won the scholarship for an overseas exchange programme. Apart from his hectic study schedule, Francis has been serving as a Cadet Officer in the St John Ambulance Association's cadet division of his old secondary school to guide the school's younger Cadet Members in carrying out the association's volunteer activities. Francis had also organized vision screening activities to promote eye care awareness regionally and internationally.

"The local and outbound vision screenings gave me chances to participate in social services that allowed me to contribute to society using my knowledge. My exchange programme to Australia also broadened my horizons and brought me valuable memories. Optometry is a profession that provides primary eyecare, and I will honour this profession by giving the best examination and treatment to my future patients." Francis shared.



PhD Student Mr Jeremy Byung Soo Kang Won Best Oral Presentation Award

PhD student Mr Jeremy Byung Soo Kang won the Best Oral Presentation Award for his presentation entitled "Corneal Changes are Associated with High Myopia induced by Minus Lens Wear in Chickens" at the 9th International Optometric Conference held in Korea in July 2019.

"During my postgraduate study, I have attended conferences in several countries. Recently I proactively joined the meeting held in Korea to build a research network with Korean optometry academics, which may be helpful to my future career," Jeremy shared. "Attending the 9th International Optometric Conference in Korea was, therefore, an excellent decision because it is the largest annual meeting in Korea. Although the main theme was not myopia, delegates showed their interests in my topic as prevalence of myopia in Korea and Asia is extremely high. I was grateful to receive the award and I would like to give credit to my supervisors, colleagues, the School, and PolyU. Without their contributions, I could not have made it."

Authors of the awarded paper (from left) Mr Jeremy Kang, Mr Bing Yuan Kong, and Dr Chea-su Kee.



Jeremy presents at the 9th International Optometric Conference in Korea.

PhD Student Ms Seema Banerjee awarded Best Poster Award

PhD student Ms Seema Banerjee won the Best Poster Award for her paper entitled “Defocused images affect the multi-neuronal firing patterns in the mouse retina-a multielectrode array study” at the 1st Department of Applied Biology and Chemical Technology Research Postgraduate Symposium in the Biology Discipline at PolyU on 12 June 2019 .

Ms Seema Banerjee (left) receives the Best Poster Award certificate from adjudicator of the symposium Prof. Eric Stanbridge, Distinguished Research Professor, University of California, Irvine.



White Coat Ceremony 2019

The School of Optometry held the White Coat Ceremony 2019 on 29 August, in which 35 Year 4 students took the optometric oath to uphold professional ethics and conduct throughout their clinical placement and career. Under the witness of faculty members, mentors, and peers, the Year 4 students were conferred white coats by their academic advisors, which signified their entrance into the eye care profession.

Prof. Maurice Yap, K.B. Woo Family Professor in Optometry and Chair Professor of Optometry, remarked that the ceremony marks the beginning of clinical training, in which students would participate in looking after real patients. Students had been gaining knowledge and skills, but from now on, they would use these to help people. By putting on this white coat, students would be seen as a member and a representative of the Optometry profession. This white coat attracts instant trust and respect.

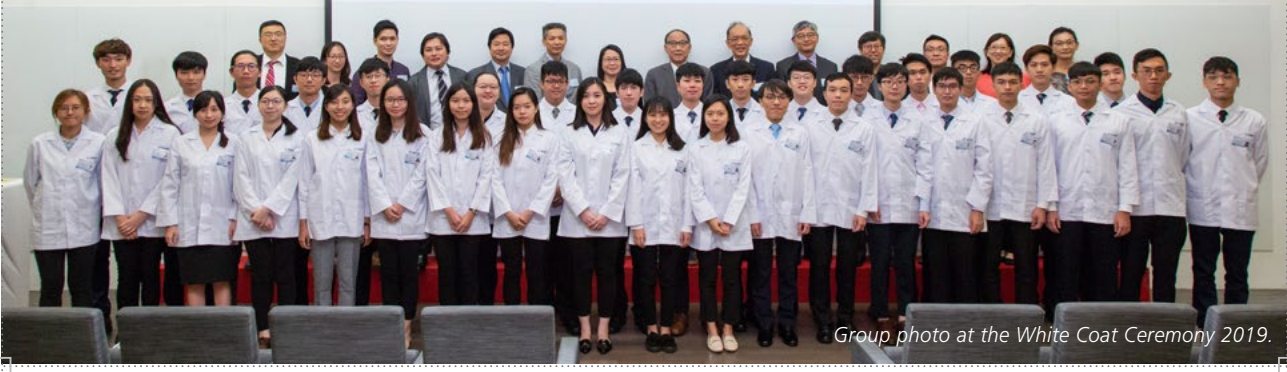
The White Coat Ceremony has been organized since 2015 and aims to highlight the symbolic importance of the white coat for a clinician. The Year 4 optometry students will complete their clinical training during the two years after the ceremony.



Prof. Maurice Yap delivers the opening remarks.



Students take the optometric oath.



Group photo at the White Coat Ceremony 2019.

Student Award Ceremony 2018/19

The School of Optometry held the Student Award Ceremony 2018/19 on 29 August 2019 to present 22 awards to undergraduate students in recognition of their outstanding academic performance and dedication to serving the community.

Speaking at the ceremony, Prof. Carly Lam, Interim Head of School, congratulated all the awardees and thanked all the donors for their unfailing support. With their generous contributions, students were able to take part in meaningful learning activities, which not only developed their excellent professional competence, but also their global outlook. Prof. Lam also shared the latest student admission information and students' achievements at the ceremony.

At the end of the award ceremony, two student representatives, Ms Christy Wing-yee Chow, Year 4 student and Ms Tempo Tsz-yan Kwok, Year 5 student shared their delightful learning experience in coordinating a screening project in mainland China, and at the Aier Eye Hospital in Shenzhen, China respectively.

Our warmest congratulations go to the scholarship and award recipients.

Prof. Carly Lam delivers the opening remarks.



Ms Tempo Tsz-yan Kwok (left) and Ms Christy Wing-yee Chow share their learning experience.



Group photo at the Student Award Ceremony 2018/19.

Name of Award/ Scholarship	Awardee
FreshKon Award	Ms KWOK Tsz-Yan
Carl Zeiss Award for Young Researcher	Mr CHEUNG Ka-Piu
Essilor Ophthalmic Optics and Dispensing Scholarship	Ms POON Hoi-Ying Cheryl
Greg Wu Best Business Plan Award for Practice Management	Ms KWOK Tsz-Yan Ms LI Hing-Yi
Luxottica Best Clinical Performance Award for Final Year Student in BSc (Hons) in Optometry	Ms MA Lok-Hang

Name of Award/ Scholarship	Awardee
Luxottica Scholarship for Overseas Student Exchange Programme	Mr CHUNG Hoi-Ching
Johnson & Johnson Vision Scholarship for Overseas Student Exchange Programme	Mr LAM Tsz-To Mr WONG Fan-Ki Vinci
Joyce C. D. Leung Scholarship for Overseas Student Exchange Programme	Ms CHOW Wing-Yee Mr TANG Tsz-Ko
Queenie Yip Scholarship for Overseas Student Exchange Programme	Mr CHEUNG Ho-Ching
Rotary Club of Kowloon Golden Mile Scholarship for Overseas Student Exchange Programme	Mr CHUNG Ching-Hong
Skyview Optical Scholarship for Overseas Student Exchange Programme	Ms CHUNG Hok-Yi
United Optical Company Scholarship for Overseas Student Exchange Programme	Mr NG Chit-Long
PolyU Scholarship	Ms CHENG Wing-Tung
PolyVision Scholarship for the Best Year 4 Student in BSc (Hons) in Optometry	Mr LAM Tsz-To Mr CHAN Kin-Ho Ms CHAN Seen-Hang
School of Optometry Scholarship for the Best Year 2 Student in BSc (Hons) in Optometry	Mr LIN Yan-Ki
HOYA Excellence in Ophthalmic Optics and Dispensing Scholarship	Ms CHAN Hiu-Tung Toby
HOYA Scholarship for the Best Year 4 Student in BSc (Hons) in Optometry	Mr LAM Tsz-To
The Optometry (OPT) Centre Scholarship for the Best Year 3 Student in BSc (Hons) in Optometry	Mr WO Wai-Man
The Hong Kong Association of Private Practice Optometrists Best Community Project Award	Mr CHAN Kin-Ho
The Hong Kong Society of Professional Optometrists Prize for the Best Year 1 Student in BSc (Hons) in Optometry	Ms CHOW Wing-Yee Ms LAM Pui-Kwan Mr WONG Tin-Wing
The Hong Kong Society of Professional Optometrists Best Final Year Student Optometrist Award	Ms POON Hoi-Ying Cheryl
The Hong Kong Society of Professional Optometrists Academic Excellence Award for the Final Year Student in BSc (Hons) in Optometry	Mr CHEUNG Ka-Piu

Inbound Exchange Students

University of New South Wales (3 June – 28 June 2019)

(from left)
Ms Lisa Pang
Ms Tsui Ting Erika Leung
Dr Allen Cheong



Universiti Kebangsaan Malaysia (2 July 2019 – 26 July 2019)

(from left)
Dr Allen Cheong
Ms Lay Khim Low
Ms Jacqueline Yi Wen Png
Mr Ye Hui Chien



University of Melbourne (22 July 2019 – 30 August 2019)

(from left)
Ms Tiffany Waimin Lee
Dr Allen Cheong
Mr Jack Nguyen
Mr Huy Dinh Nguyen



OPTOMETRY ALUMNI

Alumni Awarded AAO Fellowship and Reunion at the Annual Meeting

Graduates of the BSc (Hons) in Optometry programme reunited in the American Academy in Optometry (AAO) annual meeting held in Orlando in October 2019. Colleagues of the School of Optometry, alumni Ms Grace Tsang and Dr Iris Shen, who are now based in the Northern America, as well as Dr Terry Ho-kam Chun and Mr Jason Chi-Keong Kwan, who now work in Singapore, had a small, but wonderful reunion in Orlando.

We also congratulate Dr Terry Ho-kam Chun, Mr Jason Chi-Keong Kwan, and Mr Horace Ho-yin Wong, who obtained the AAO Fellowship at the meeting!



Congratulations to Dr Terry Chun (6th from left), Mr Jason Kwan (7th from left) and Mr Horace Wong (1st from left) who became FAAO at the 2019 annual meeting.



Alumni and SO colleagues had a great time catching up with each other.

EDITORIAL BOARD:

Prof. George Woo

Dr Andrew Lam

Dr Maureen Boost

Miss Vienna Lam

Ms Elsa Too

Contact Us


School of Optometry


The Hong Kong Polytechnic University

Hung Hom, Kowloon, HKSAR

 <https://www.polyu.edu.hk/so/>

Enquiries

 (852) 2766 7930

 (852) 2764 6051

 so.enquiry@polyu.edu.hk

