

In-focus

A newsletter of the School of Optometry

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Vision of Love Mobile Eye Care Project



Vision of Love Mobile Eye Care Project



The Hong Kong Polytechnic University (PolyU) was the first university in Hong Kong to incorporate service-learning subjects into its core academic pedagogy. PolyU and the School of Optometry encourage students to take part in service-learning activities, allow them to apply their professional knowledge and to enhance their skills and competence in serving the needy. Since 2014, the School has offered a service-learning subject titled "Learning through Providing Eye Care and Vision Health to the Community". Over the past three years, more than 900 PolyU students from different disciplines have participated in providing vision screening and eye care education to over 16,000 people in Hong Kong, mainland China, Cambodia, and Vietnam.

The efforts of staff members and students of the School in providing community vision screening and eye health education received recognition from Miss Cally Kwong, PolyU University Fellow and member of the Governing Committee of the PolyU Foundation, who solicited a HK\$3.8 million donation to establish the "Vision of Love Fund" to increase the magnitude of the School's community work. With a well-equipped mobile optometric unit, the School is now able to reach most districts in Hong Kong and bring vision screening and eye health education to the doorsteps of people in need. It is expected that the team will be able to conduct 5,000 vision screenings in its first year of service.



At the launch ceremony held on 12 January 2017, PolyU President Prof. Timothy Tong expressed his heartfelt gratitude to Miss Kwong and her friends for the generous donation. Prof. Tong said, "With the launch of this Project, our optometry experts and students can extend their reach to the community to provide early prevention of and intervention for vision problems. The support of Miss Kwong and the other donors is a meaningful and timely gift for PolyU's 80th anniversary."



At the ceremony, Miss Kwong said, "I greatly appreciate PolyU's efforts in promoting service-learning, and I can see that they have achieved many impressive outcomes. I am confident that the Project will be sustainable in providing the high quality professional services to the needy and in offering worthwhile service-learning opportunities to PolyU's students."



Prof. Chi-ho To, Head of the School, introduced the Project at the ceremony. "Those screened having eye problems will be provided with comprehensive eye examinations, vision rehabilitation, and follow-ups at PolyU. Under this Project, the School will also analyse the data collected for further research into myopia prevalence and myopia-related issues," said Prof. To.



The PolyU Volunteers, which include PolyU students, staff, and alumni, will also participate in the Project by attending care visits, and they will be trained by the School's professionals to provide basic vision screening onsite.

To promote sustainable development, a campaign has been launched to collect used eyeglasses, which will be screened and adjusted by PolyU's optometry team before being redistributed to people in need.



Vision screening service in Ho Lap Kindergarten, Wong Tai Sin



Vision screening service in Ka Ling School of The Precious Blood, Sham Shui Po



Vision screening service in Tuen Mun



Vision screening on PolyU campus on Health Awareness Day

WHAT'S HAPPENING IN THE SCHOOL

International Conference of Vision and Eye Research

The International Conference of Vision and Eye Research (iCover), organized by the School was held on 26-27 May 2017. Co-organizing with The Chinese University of Hong Kong, The University of Hong Kong, Jinan University and the University of Macau, this successful conference was the first ever for vision and eye research between institutions in China, Hong Kong, and Macau. Around 150 scientists and clinicians from academia and industry worldwide participated.

The eight sessions addressed a broad spectrum of topics in vision and eye research, including visual regenerative medicine, ocular development, emerging technologies, and OMICS. Keynote sessions addressing these featured research areas were organized and respectively delivered by Prof. Shibo Tang of Aier Eye Hospital, Prof. Sally McFadden of The University of Newcastle, Prof. Lyndon Da Cruz of University College London, and Prof. Guanghou Shui of Chinese Academy of Sciences. The keynote speeches were entitled "Vision impairment & repair in diabetes", "Anatomical and optical changes during the development of myopia", "Regenerative Medicine - Stem cell delivery for retinal disease" and "Tear lipidome and its implications".

The iCover conference received positive feedback from speakers and delegates who considered that it offered an excellent platform to reach a wide international audience and provide updates of current vision and eye research.



Speakers and Organizing Committee members



Toast at the Gala Dinner by Dr Victor Woo, Prof. Chi-ho To and Prof. George Woo (From right)



Awardees of Best Paper/Poster Awards



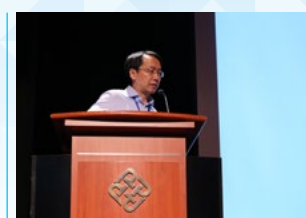
Prof. Shibo Tang, keynote speaker of Theme 1 – Regenerative Medicine



Prof. Sally A. McFadden, keynote speaker of Theme 2 – Ocular Development



Prof. Lyndon Da Cruz, keynote speaker of Theme 3 – Emerging Technologies



Prof. Guanghou Shui, keynote speaker of Theme 4 – OMICS

School Retreat 2017

The annual School Retreat was held on 6 January 2017 at the Auberge Discovery Bay, Hong Kong. This year, a total of 72 staff members and four Advisory Committee members participated in the daylong off-campus event. The morning session consisted of opening remarks from Prof. Chi-ho To, Head of the School, a report on research and service learning by Dr Chi-wai Do, Associate Head, updates on teaching specialist teams from Dr Larry Ng, Senior Clinical Associate and Dr Patrick Ting, Clinical Associate and a report on specialty development in the Optometry Clinic by Mr Peter Pang, Associate Consultant Optometrist. The participants then split into their respective working teams for discussion sessions. In the afternoon, a series of team-building activities were organized.



Prof. Chi-ho To delivers the opening remarks.

Visit to the Southern California College of Optometry at Ketchum University

Several delegates from the School took the chance to attend the annual meeting of the American Academy of Optometry in Anaheim in November 2016, and visited the Southern California College of Optometry (SCCO) at the Marshall B. Ketchum University. The School is now discussing with the SCCO about student exchange programme.

Having its own lecture theatre, tutorial rooms, and various labs in the main campus, the College is well equipped to accommodate the education for 400 concurrent Doctor of Optometry students. In addition, the University Eye Centre has just been moved to Ketchum Health in Anaheim, where it provides



integrated eye care services from primary care examination, contact lens, dry eye, pediatric, vision therapy, low vision, and prosthetics to ophthalmology. Their students attend various clinical placements in the Ketchum Health, school vision screenings, as well as the Outreach Clinical Programme.



◀ *Colleagues visit the teaching lab in SCCO*

WHAT'S HAPPENING IN THE SCHOOL

PolyU Staff Games Day 2016

The 7th PolyU Staff Games Day was held on 11 December 2016 at the Joint Sports Centre in Kowloon Tong. Staff members of the School continued to support the event and won the following medals:

Staff	Results
Dr Chi-wai Do	Gold (Men's Master - 100 Meters)
	Silver (Men's Master - Long Jump)
Mr Choi-kai Yip	Gold (Men's Open - 800 Meters)
	Silver (Men's Open - High Jump)
Ms Man-chi Yee	Silver (Women's Open - Discus)
	Silver (Women's Open - Long Jump)
Dr Ying Hon	Gold (Women's Open - 1,500 Meters)
Ms Hau-yee Leung	Bronze (Women's Open - 100 Meters)
Relay	Gold (Men's Open 4 x 400 Meters)
	Silver (Men's Open 4 x 100 Meters)
	Bronze (Women's Open 4 x 100 Meters)



Gold Medal in Men's Open 4 x 400m



Silver Medal in Men's Open 4 x 100m



Bronze Medal in Women's Open 4 x 100m

Donations to the School

Date	Donor	Purpose	Amount
Nov 2016	Geoffrey Cheng	To set up a scholarship named "Rotary Club of Kowloon Golden Mile Scholarship for Overseas Student Exchange Programme"	HK\$30,000
Jan 2017	Vision of Love Fund (Founded by Miss Cally Kwong)	To support the "Vision of Love Mobile Eye Care Project"	HK\$3,500,800
Jan & Jun 2017	Chan-ho Tong	To support student development of the School	HK\$2,000
Mar 2017	Kenneth Chung Optometry Clinic	To support teaching of the School	1 NCT tonometer (worth HK\$10,000)

Memorandum of Understanding

The School signed an agreement with the Department of Optometry & Vision Sciences, University of Melbourne for collaboration on academic, research, and student exchange activities from 13 March 2017 to 12 March 2022.

The School signed an addendum to the Student Exchange Agreement with The University of New South Wales from 31 May 2017 to 20 February 2022.

The School signed a supplementary agreement on the extension of provision of ocular checks and prescription of corrective glass services with Kwai Tsing Safe Community and Health City Association from 1 January 2018 to 31 July 2018.

OUR PEOPLE

Emeritus Professor George Woo Appointed as Consultant by China Disabled Persons' Federation

Prof. George Woo, Visiting Chair Professor of Optometry and Emeritus Professor was appointed by the China Disabled Persons' Federation as Consultant of Vision Impairment Assistive Technology Professional Group under the 4th Rehabilitation Engineering and Assistive Technology Professional Committee.



Prof. Maurice Yap Appointed as Chairman of Hospital Governing Committee of Shatin Hospital

Prof. Maurice Yap, K.B. Woo Family Professor in Optometry, and Chair Professor of Optometry at the School, was appointed by the Hospital Authority as the Chairman of Hospital Governing Committee of Shatin Hospital.

Dr Tina Lian Appointed as Research Assistant Professor

Dr Tina Lian received her PhD degree in Health Economics and Health Services Research, from the School of Public Health, The University of Hong Kong in 2013. Her PhD study was the evaluation of the effectiveness and cost-effectiveness of the first pilot study of systematic screening for diabetic retinopathy in Hong Kong. In 2014 she joined the Department of Ophthalmology and the Department of Family Medicine and Primary Care, The University of Hong Kong as a post-doctoral fellow. Among other work, she continued to develop the diabetic retinopathy screening project at different levels of the health care system and to work on methods of improving its efficiency. She participated in teaching health economics to Master's students. In March 2017, she joined the School of Optometry of The Hong Kong Polytechnic University as Research Assistant Professor.



Dr Lian's research interest is health economics and health services research, with specific applications in the areas of ophthalmology and vision care, such as diabetic retinopathy, age-related macular degeneration and cataract. She has been a core member, for several years, of the team which set up and evaluated systematic diabetic retinopathy screening in Hong Kong. Her research has been published in international journals including Ophthalmology, the British Journal of Ophthalmology, Diabetes, Obesity and Metabolism, Diabetes Research and Clinical Practice, and the Journal of Public Health.



Dr Allen Cheong Appointed as Standing Committee Member by China Disabled Persons' Federation

Dr Allen Cheong, Associate Professor, was appointed by the China Disabled Persons' Federation as Standing Committee Member of Vision Impairment Assistive Technology Professional Group under the 4th Rehabilitation Engineering and Assistive Technology Professional Committee.

Dr Patrick Ting Received Departmental Teaching Excellence Award 2016/17

Dr Patrick Ting received the School's Teaching Excellence Award 2016/17 in recognition of his outstanding teaching performance.



New Honorary and Adjunct Appointments of the School

Appointed Position	New / Re-Appointment	Name	Position in Affiliation	Affiliation
Adjunct Professor	Re-appointment	Dr Kenneth Kai-wang Li	Chief of Service in Ophthalmology	United Christian Hospital and Tseung Kwan O Hospital
	Re-appointment	Dr Victor Chi-pang Woo	Private Ophthalmologist	-
Adjunct Associate Professor	Re-appointment	Dr Desmond Cheng	Private Optometrist	-
	Re-appointment	Dr Patrick Siu-hang Li	Consultant	Department of Ophthalmology of Tseung Kwan O Hospital
	Re-appointment	Mr Simon Sai-man Yeung	Solicitor	-
Adjunct Assistant Professor	New	Dr Ka-hong Au	Associate Consultant	Department of Ophthalmology of United Christian Hospital
	New	Dr Jeffrey Chi Wang Chan	Associate Consultant	Department of Ophthalmology of United Christian Hospital
	New	Dr Xue-song Mi	Honorary Research Associate	Department of Anatomy of The University of Hong Kong
	New	Dr Justin Man-kit Tong	Associate Consultant	Department of Ophthalmology of United Christian Hospital
	Re-appointment	Dr Derek Chung-chung Yee	Associate Consultant	Department of Ophthalmology of Tseung Kwan O Hospital
	Re-appointment	Dr Alex Tsz-wang Leung	Associate Consultant	Department of Ophthalmology of United Christian Hospital
	Re-appointment	Dr Theresa Shiu-ting Mak	Associate Consultant	Department of Ophthalmology of United Christian Hospital
	Re-appointment	Dr Heather Hoi-yau Tang	Associate Consultant	Department of Ophthalmology of United Christian Hospital
	Re-appointment	Dr Emily Wai-ho Tang	Associate Consultant	Department of Ophthalmology of United Christian Hospital
Adjunct Clinical Associate	New	Dr Claire Wai-yin Chow	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital
	New	Dr Shasha Liu	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital
	New	Dr Vikki Wing-kei Ng	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital
	New	Dr Samuela Wan-ki Tang	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital
	New	Dr Daniel Ho-tak Wong	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital
	Re-appointment	Dr Yvonne Yee-yan Chan	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital
	Re-appointment	Dr Victor Sui-chun Chu	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital
	Re-appointment	Dr Charles Sing-lok Lau	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital
	Re-appointment	Dr Brian Churk-yat Li	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital
	Re-appointment	Dr Candice Chi-han Liu	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital
Re-appointment	Dr Geoffrey Chik-hei Tang	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital	
Re-appointment	Dr Tiffany Lok-man Yeung	Ophthalmology Resident	Department of Ophthalmology of United Christian Hospital	

Achievements

Awards and Grants

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

Staff	Award/Grant	Details	Amount
Dr Bin Lin	The Hong Kong Polytechnic University Postdoctoral Fellowships Scheme 2016	The role of colony-stimulating factor 1 receptor (CSFtR) signaling in microglial activation and the progression of neurodegeneration in retinitis pigmentosa	HK\$700,000
Prof. Chi-ho To	Project of Strategic Importance, PolyU	Biomechanical and multiomics characterization of ocular tissues during myopic development	HK\$4,074,000
Dr Dennis Tse	Large Equipment Funding for Research, PolyU	Ultra-deep in-vivo imaging system for biometric analysis of transgenic mouse and zebrafish	HK\$3,470,630
Dr Thomas Lam	Smaller-Scale Projects, Teaching Development Grants 2016-19, PolyU	An integrated web-based learning platform for contact lens practice and clinical training	HK\$142,320

Dr Andrew Lam and Ms Shanica Hon Honoured with Garland W. Clay Award from the American Academy of Optometry

PhD student Ms Shanica Ying Hon and her supervisor Dr Andrew Lam were awarded the Garland W. Clay Award 2016 presented by the American Academy of Optometry, for their academic paper titled “Corneal Deformation Measurement Using Scheimpflug Noncontact Tonometry”. It is the first paper studying the repeatability and reproducibility of a newly launched clinical device, the Corvis ST.

The Garland W. Clay Award is presented to the authors of the manuscript published in *Optometry and Vision Science* that has been most widely cited in world research literature in the preceding five years and has the vote of the Optometry and Vision Science Editorial Board.



▶ Dr Andrew Lam (right) and PhD student Ms Shanica Hon



▲ Dr Andrew Lam (left) received the award from the Editor-in-Chief of the *Optometry and Vision Science*, Dr Michael Twa.

Prof. Pauline Cho Honoured with PTeC’s Outstanding Professional Services Awards 2015-16



▲ Prof. Pauline Cho (center) receives the Merit Award.

Prof. Pauline Cho received the “Highest International/Non-local Consultancy Merit Award of 2016” for her project “Provision of Clinical Trial on Shamir Aspheric Ophthalmic Lenses for Myopic Control” at the Outstanding Professional Services Awards Presentation Ceremony on 14 February 2017. Organized by PolyU’s Technology and Consultancy (PTeC) Co. Ltd., the awards honour departments and staff with outstanding performance in consultancy and licensing activities.

Integrated Community Health Centre (IHC) in Lai King Received Social Capital Builder Logo Award

The IHC of the School in Lai King received the 2016 Social Capital Builder Logo Award in the biennial Social Capital Builder (SCB) Award Presentation Ceremony on 6 January 2017 which recognized the Centre's outstanding contributions to the development of social capital.

The IHC is the first off-campus health centre of PolyU. It is built on the concept of integrative holistic health care, and strives to promote proactive health management. In addition to delivering primary eye care consultations and vision rehabilitation services to the community, IHC is eager to provide other services such as the Vision Hong Kong project and a diabetic retinopathy screening service.

The Community Investment and Inclusion Fund (CIIF) of the Labour and Welfare Bureau has organized the biennial SCB Awards since 2012, to recognize individuals, enterprises and organizations which have contributed to the development of social capital in Hong Kong, and to commend outstanding CIIF-funded projects.



Ms Rita Sum, Senior Optometrist, represents the School to receive the "Social Capital Builder Logo Award".

Departmental Advisory Committee

The current Departmental Advisory Committee of the School established on 1 October 2016.

Chairman	Mr Hoi-wai Chua, Chief Executive, The Hong Kong Council of Social Service
Convenor	Prof. Chi-ho To, Head, School of Optometry, PolyU
Ex-Officio Member	Prof. Maurice Yap, Chair Professor of Optometry, School of Optometry, PolyU
External Members	Dr Forrest Yiu-fai Ng, Optometrist Consultant, Eyesight Hong Kong Optometry Centre Mr Geoffrey Wai-chak Cheng, President, The Hong Kong Association of Private Practice Optometrists Mr Vincent Wan-sang Chui, Optometrist and Director, Vincent Eyecare Centre Mr Raymond Leung, Manager (Clinical Effectiveness), Quality & Safety Division, Hospital Authority Mr Andrew Meng-cheung Young, Chief Commercial Officer, Hong Kong Science and Technology Parks Corporation Mr Chi-wing Hau, Head of Asset and Liability Management & Treasury, BNP Paribas Hong Kong Branch Dr Karen Kam-yee Cheng, Head of Professional Education, Hong Kong, Taiwan, Australia & New Zealand, Johnson & Johnson Vision Care
Internal Members	Dr Chi-wai Do, Associate Professor and Associate Head, School of Optometry, PolyU Dr Andrew Lam, Associate Professor and Associate Head, School of Optometry, PolyU Prof. Carly Lam, Professor, School of Optometry and Associate Dean, Faculty of Health and Social Sciences, PolyU Dr Chea-su Kee, Associate Professor, School of Optometry, PolyU

PolyU Long Service Award 2016

PolyU held the annual Long Service Award Presentation Ceremony on 24 March 2017, to recognize and show appreciation of staff members' loyal service to the University over the years. Six staff members from the School were acknowledged for their years of dedicated service.

The awardees included:

- Prof. Carly Lam
- Dr Larry Ng
- Dr Vincent Ng
- Mr Jimmy Pang
- Mr Andy Kong
- Ms Jupy Chow

(From left) Mr Jimmy Pang, Mr Andy Kong, Dr Larry Ng, Ms Jupy Chow and Prof. Carly Lam



Visitors to the School

Dr Guilherme Albieri, Vice President for Student Affairs of College of Optometry, State University of New York (SUNY) and Dr Quy Nguyen, Director of Career Development Center, toured our Optometry Clinic in December 2016. After the Annual Meeting of the Association for Research in Vision and Ophthalmology, Dr Andrew Lam visited SUNY on 12 May 2017 to further discuss a student exchange programme. Dr Lam was welcomed by Dr Albieri and Dr Jennifer Hue, International Programs Coordinator.



(From right) Dr Guilherme Albieri, Dr Quy Nguyen, Dr Chea-su Kee and Dr Andrew Lam

Date of Visit	Name of Visitor / Visiting Group	Position in Affiliation	Affiliation
5 Nov 2016 – 3 Dec 2016	Prof. Peter Swann	Associate Professor	School of Optometry and Vision Science, Queensland University of Technology
14 Nov 2016 – 15 Dec 2016	Prof. Samuel Wu	Professor	Department of Ophthalmology; Department of Physiology & Biophysics; Department of Neuroscience, Baylor College of Medicine
11 Nov 2016	Prof. Geunyoung Yoon	Professor	Flaum Eye Institute, Institute of Optics, Centre for Visual Science and Departments of Ophthalmology and Biomedical Engineering, University of Rochester
18 Nov 2016	Prof. Tien-tsin Wong	Professor	Department of Science & Engineering, The Chinese University of Hong Kong
24 Jan 2017	Prof. Roberto Mandunci	Professor	Department of Computer Engineering, University of Southern California Santa Cruz
14 Feb 2017	Dr Lisa Christian	Clinical Associate Professor	The School of Optometry & Vision Science, University of Waterloo
14 Feb 2017	Mr Lin Jiun Ming & Mr Chang Lu Chang	-	Lions Clubs (Taiwan)
24 Feb 2017	Mr Chang Lu Chang	-	Optometric Association of the Philippines
27 Feb 2017	A group of optometrists from the Philippines	Area Vice President, Vision Care Asia Pacific	Johnson & Johnson Vision Care
	Mr Jorge Pinedo	Commercial Director of Hong Kong Office	
	Ms Emilie Demare-Diet	Head of Professional Education (Hong Kong, Australia & New Zealand)	

Date of Visit	Name of Visitor / Visiting Group	Position in Affiliation	Affiliation
1 Mar 2017	Mr Patrick Nip	Permanent Secretary for Food and Health (Health)	Food & Health Bureau
	Mr Chris Sun	Head (Healthcare Planning and Development Office)	
	Mr Ngai Fong	Principal Assistant Secretary for Food and Health (Health)	
	Miss Natalie Lau	Assistant Secretary for Food and Health (Health)	
7 Mar 2017	Dr Anson Wong	Head	The Freds Hollows Foundation
	Ms Pinky Fung	Administration Officer	
13 Mar 2017	Ms Bonnie Yau	Executive Director	Occupational Safety and Health Council
	Ms Catherine Wong	General Manager	
	Dr Louisa Wong	Principal Consultant	
	Mr Toran Law	Senior Consultant	
29 Mar 2017	Mr Dongxue Yang	Official from Yunnan Provincial Health and Family Planning Commission	Yunnan Province, China
	Dr Yunqin Li	Senior retinal specialist from The 2nd People's Hospital of Yunnan	
	Dr Yue Zou	Retinal specialist from The 2nd People's Hospital of Yunnan	
	Ms Jing Wang	Senior Project Officer from The Fred Hollows Foundation China Program	The Freds Hollows Foundation
	Ms Pinky Fung	Administration Officer	
30 Mar 2017	Mr Joe Redner	Head of Sales, Ophthalmic Devices	Carl Zeiss Meditec
	Ms Axon Cho	Sales Specialist	
5 Jun 2017	Dr Wang Waiping	Assistant Professor	Dr Li Dak-Sum Research Centre, The University of Hong Kong – Karolinska Institutet Collaboration in Regenerative Medicine
7 Jun 2017	Dr Stephen Vincent	Senior Lecturer	Optometry & Vision Science, Contact Lens & Visual Optics Laboratory, Queensland University of Technology
15 Jun 2017	Prof. John Siderov	Head, Department of Vision and Hearing Sciences	Anglia Ruskin University
	Ms Crystal Wan	Regional Manager (Hong Kong, Macau & South China)	

Secondary School Visits

Date	Visitors	Speaker(s)	Activity
8 Feb 2017	30 Form 5 students of Kwok Tak Seng Catholic Secondary School	Dr Andrew Lam and Dr Chea-su Kee	Optometry Clinic visit
11 Apr 2017	30 Form 5 students and teachers of Shun Tak Fraternal Association Leung Kau Kui College	Dr Andrew Lam and Dr Henry Chan	Optometry Clinic visit

OUR RESEARCH

Conference Presentations

Conference title, venue and date	Title of Presentation	Author(s)
Academy 2016 Anaheim (USA) 9 – 12 Nov 2016	Change of fixation stability, visual acuity and stereopsis in mild amblyopes after home-based dichoptic video game training	Mr Peter Pang Prof. Carly Lam Mr Ka-ching Ko Dr Geoffrey Chu Dr Lily Chan Prof. Robert Hess Dr Benjamin Thompson
	Congenital supranuclear monocular elevation deficiency with Marcus Gunn Jaw Winking Syndrome in a middle-aged Chinese male: A case report	Mr Horace Wong
	Dyop ® Acuity Test-Application in elderly patients	Prof. George Woo Ms Rita Sum
	Effectiveness of perceptual learning in reading rehabilitation for patients with diabetic macular oedema – A Randomized controlled trial pilot study	Ms Ronnie Huang Dr Sing-hang Cheung Ms Celia Tsang Dr Ian Wong Prof. Victor Chong Dr Marten Brelen Dr Danny Ng Dr Henry Chan Dr Allen Cheong
	Investigation of visual electrophysiological performance in older adults with suspected mild cognitive impairment	Mr Horace Wong Dr Allen Cheong Dr Henry Chan
	Measurement of refractive errors using Instant Vision Assessment Device® in community screening	Prof. George Woo Miss Iris Shen
	Pediatric Myopia Control	Prof. Pauline Cho
	Ocular and visual status among children in special schools in Hong Kong	Miss Jenny Zhang Prof. Carly Lam Prof. Longqian Liu Prof. Xiaoming Chen
	The objective measurement of accommodative response by the use of video targets	Miss Jenny Zhang Prof. Carly Lam Prof. Longqian Liu Prof. Xiaoming Chen Prof. Shahina Pardhan
Neuroscience 2016 (USA) 12 – 16 Nov 2016	The role of cyclic adenosine monophosphate and apolipoprotein A1 on myopic eye growth	Prof. Chi-ho To Dr Rachel Chun Dr Chi-wai Do
Aier Optometry Development Conference 2016 (China) 20 – 22 Nov 2016	Myopic defocus for myopia control – a translational journey	Prof. Chi-ho To
	Randomized clinical trial of effect of bifocal and prismatic bifocal spectacles on myopic progression	Prof. George Woo
Gongji Forum of Ophthalmology (China) 2 Dec 2016	近視研究的啓示	Prof. Chi-ho To

Conference title, venue and date	Title of Presentation	Author(s)
The Association for Research in Vision and Ophthalmology (Asia-ARVO), Australia 5 – 8 Feb 2017	Central Retinal Function and Relative Peripheral Refraction in Myopia Progression	<u>Miss Serena Li</u> Dr Lydia Yu Dr Henry Chan
	Selective Blue-filtering Lens Protected Cultured Porcine Primary Retinal Pigmented Epithelial (RPE) Cells Against Photo-induced Cell Death mediated by Reduction of Reactive Oxygen Species (ROS) and Increased Expression of Antioxidant Enzymes	<u>Dr Lydia Yu</u> Dr Samantha Shan Dr Francisca Wong Mr Bruce Chin Mr Kai-yip Choi Miss Yamunadevi Lakshmanan Miss Christie Lam Miss Serena Li Prof. Chi-ho To Dr Henry Chan
	Ocular higher-order aberrations improve the retinal image quality in astigmatic eyes	<u>Dr Jeffrey Leung</u> Dr Elie De Lestrangé-Anginieur Miss Christie Lam Dr Chea-su Kee
The West China International Myopia Control and Eye Care Symposium (China) 17 – 19 Feb 2017	Myopic defocus for myopia control: Evidence and way forward	<u>Prof. Chi-ho To</u>
	Orthokeratology Practice – Care of accessories	<u>Prof. Pauline Cho</u>
	Prevalence of antiseptic-resistance genes in staphylococci isolated from orthokeratology lens and spectacle wearers	<u>Prof. Pauline Cho</u>
The 17th International Congress of Ophthalmology and Optometry China (China) 24 – 26 March 2017	Peripheral refraction & myopia progression	<u>Prof. Pauline Cho</u>
The Annual Meeting of the Association for Research in Vision and Ophthalmology (USA) 7 – 11 May 2017	Effects of intravitreal administration of baicalein on intraocular pressure and retinal thickness in Sprague-Dawley rats	<u>Miss Li Hoi Lam</u> Mr Ashim Dey Dr Samantha Shan Dr Henry Chan Prof. Chi-ho To Dr Chi-wai Do
	Global proteomic analysis of retina in progressive retinal ganglion cell (RGC) degeneration	Dr Jacky Kwong Dr Thomas Lam Mr King Kit Li <u>Prof. Chi-ho To</u> Dr Joseph Caprioli
	In vivo measurement of regional corneal stiffness	<u>Dr Andrew Lam</u> Dr Shanica Hon Mr Shu Hao Lu Dr Guo Zhen Chen Prof. David Lam
	Quantitative proteomics analysis of chick retina in response to nicotinic acid oral administration and lens-induced myopia (LIM)	<u>Mr Alex Xiao</u> Dr Samantha Shan Dr Thomas Lam Dr Rachel Chun Prof. Chi-ho To

Conference title, venue and date	Title of Presentation	Author(s)
European Academy of Optometry and Optics (Spain) 12 – 14 May 2017	Basic fitting of a mini-scleral lens and Clinical Application of Anterior Segment Optical Coherence Tomography (AS-OCT) on Modern Scleral Lens Practice	<u>Miss Angel Wong</u> Prof. Langis Michaud
	A label-free proteomic analysis of chick vitreous during normal growth - a pilot study	<u>Mr Jimmy Cheung</u> <u>Mr King-kit Li</u> Dr Lei Zhou <u>Prof. Chi-ho To</u> <u>Dr Thomas Lam</u>
International Conference of Vision and Eye Research (Hong Kong) 26 – 27 May 2017	Application of a label-free SWATH based proteomics in studying guinea pig retina for myopia research	<u>Miss Jennifer Bian</u> <u>Mr King-kit Li</u> <u>Dr Dennis Tse</u> <u>Prof. Carly Lam</u> <u>Prof. Chi-ho To</u> <u>Dr Thomas Lam</u>
	Changes in retinal proteome on nicotinic acid (NA) oral administration and lens induce myopia (LIM) chicks	<u>Mr Alex Xiao</u> <u>Dr Samantha Shan</u> <u>Dr Thomas Lam</u> <u>Dr Rachel Chun</u> <u>Prof. Chi-ho To</u>
	Changes of intraocular pressure and retinal thickness in Sprague-Dawley rats treated with intravitreal administration of baicalein	<u>Miss Hoi-lam Li</u> <u>Mr Ashim Dey</u> <u>Dr Henry Chan</u> <u>Prof. Chi-ho To</u> Dr Kin Chiu <u>Dr Chi-wai Do</u>
	Characterization of gap junctions in porcine ciliary epithelium	<u>Mr Stanley Li</u> <u>Dr Samantha Shan</u> <u>Prof. Shea-ping Yip</u> Dr Mortimer Civan <u>Prof. Chi-ho To</u> <u>Dr Chi-wai Do</u>
	Effectiveness of perceptual learning in reading rehabilitation for patients with parafoveal retinal lesions – A pilot randomized controlled trial	<u>Ms Ronnie Huang</u> <u>Dr Henry Chan</u> Ms Celia Tsang Dr Ian Wong Dr Raymond Wong <u>Prof. Victor Chong</u> Dr Marten Brelen Dr Sing-hang Cheung <u>Dr Allen Cheong</u>
	Measurement of visual acuity with the use of the Dyop® Acuity Test and the LogMAR E chart in the elderly	<u>Ms Rita Sum</u> <u>Prof. George Woo</u>
	Quantitative proteomics analysis of human trabecular meshwork (hTM) in response to two different corticosteroids, dexamethasone and prednisolone, using SWATH acquisition	<u>Dr Samantha Shan</u> <u>Dr Chi-wai Do</u> <u>Dr Thomas Lam</u> <u>Prof. Daniel Stamer</u> <u>Prof. Chi-ho To</u>
	Retinal Function and Peripheral Refraction in Myopia Development	<u>Ms Serena Li</u> Dr Lydia Yu <u>Mr Kai-yip Choi</u> <u>Dr Henry Chan</u>
	Synchronized firing between ganglion cells and amacrine cells in the mouse retina	<u>Dr Feng Pan</u>
	The sustainability of changes in visual acuity, stereopsis and fixation stability after home-based dichoptic video game training in mild amblyopes	<u>Mr Peter Pang</u> <u>Prof. Carly Lam</u>

Conference title, venue and date	Title of Presentation	Author(s)
British Contact Lens Association 40th Clinical Conference & Exhibition (UK) 9 – 11 June 2017	Clinical management of Pellucid Marginal Degeneration (PMD) using scleral rigid contact lenses: A case report	<u>Mr Jimmy Tse</u>
	Discontinuation of orthokeratology on eyeball elongation (DOEE)	<u>Prof. Pauline Cho</u> <u>Ms Peggy Cheung</u>
	Myopia Control using Orthokeratology: reanalysis of data from ROMIO TO-SEE studies	<u>Prof. Pauline Cho</u> <u>Ms Peggy Cheung</u>
	Reverse geometry designed scleral lens helps vision restoration in a post-graft patient	<u>Miss Gigi Yee</u>
	Safety and non-compliance with orthokeratology	<u>Prof. Pauline Cho</u>
Tianjin International Ophthalmology Forum 2017 (China) 10 – 11 June 2017	A multidisciplinary approach towards vision rehabilitation	<u>Prof. George Woo</u>
	Choroidal response to optical defocus in eye growth	<u>Prof. Chi-ho To</u>
	Corneal biomechanical properties in an animal model widely-used for myopia research	<u>Dr Chea-su Kee</u>
	How does perceptual learning apply in vision rehabilitation	<u>Dr Allen Cheong</u>
	Modulation of the PTEN pathway improves the survival of cone photoreceptors in retinal degeneration disorders	<u>Dr Bin Lin</u>
Health Research Symposium 2017 (Hong Kong) 16 June 2017	Cost-effectiveness analysis of Patient Empowerment Programme on Diabetes Mellitus	Dr William Wong <u>Dr Tian Lian</u> Dr Carlos Wong Dr Jason So Prof. Sarah McGhee Prof. Cindy Lam
	The effects of home-based dichoptic video game training on visual acuity, fixation stability and stereopsis in mild amblyopes	<u>Prof. Carly Lam</u> <u>Mr Peter Pang</u> <u>MMr Ka-ching Ko</u> <u>Dr Lily Chan</u> Prof. Robert Hess Dr Ben Thompson
American Optometric Association Optometry's Meeting 2017(USA) 21 – 25 June 2017	Clinical competency in ocular fundus examination using ophthalmoscopic virtual reality simulation systems	<u>Dr Larry Ng</u> <u>Mr Ming-kit Cheng</u> <u>Ms Yeung Lau</u> <u>Mr Jiameng Wang</u>
The 12th International Conference on Low Vision 2017 (Netherlands) 25 – 29 June 2017	Effectiveness of training in reading rehabilitation for patients with diabetic macular oedema – Preliminary findings of a randomized clinical trial	<u>Dr Allen Cheong</u> <u>Ms Ronnie Huang</u> Ms Celia Tsang Dr Ian Wong Dr Raymond Wong Prof. Victor Chong Dr Marten Brelen <u>Dr Henry Chan</u> Dr Sing-hang Cheung
	Psychometric properties of the Chinese version of the Impact of Vision Impairment questionnaire in a Hong Kong Chinese	<u>Ms Olivia Cheung</u> Dr Ian Wong Dr Sing-hang Cheung Prof. Victor Chong
The International Symposium for Brain and Education (Hong Kong) 26 June 2017	Using self-directed gaze-interface to enhance digital reading in Chinese for children with severe physical disabilities	Miss Louisa Wong <u>Prof. Carly Lam</u>
Xinjiang Ophthalmology Conference (China) 29 – 30 June 2017	Orthokeratology for myopia control	<u>Prof. Pauline Cho</u>

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

New Papers and Book Chapter

Cheng A, Civan MM, To CH and Do CW. (2016). cAMP Stimulates Transepithelial Short-Circuit Current and Fluid Transport Across Porcine Ciliary Epithelium. <i>Invest Ophthalmol Vis Sci</i> , 57:6784–6794.	Kang MT, Li SM, Peng X, Li L, Ran A, Meng B, Sun Y, Liu LR, Li H, Millodot M and Wang N. (2016). Chinese eye exercises and myopia development in school age children: a nested case-control study. <i>Sci Rep</i> , 6, 28531.
Cho P and Cheung SW. (2017). Discontinuation of orthokeratology on eyeball elongation (DOEE). <i>Cont Lens Anterior Eye</i> , 40: 82-87.	Lau JKK, So HT, Chiang TK, Cho P. (2016). Effect of multipurpose solutions on in vivo surface wettability of a silicone hydrogel lens. <i>Cont Lens Anterior Eye</i> , 39(6): 461-465.
Cho P and Cheung SW. (2017). Protective Role of Orthokeratology in Reducing Risk of Rapid Myopia Progression: A Reanalysis of Data from the ROMIO and TO-SEE Studies. <i>Invest Ophthalmol Vis Sci</i> , 58: 1411-1416.	Leung TW, Li RWH, Kee CS. (2017). Blue-Light Filtering Spectacle Lenses: Optical and Clinical Performances. <i>PLoS ONE</i> , 12(1): e0169114.
Cho P, Shi GS, Yap M, Boost M. (2016). Effects of Lead Phytochemicals of Radix Scutellariae on Acanthamoeba. <i>Invest Ophthalmol Vis Sci</i> , 57:6591-6595.	Millodot M, Ortenberg I, Lahav-Yacouel K and Behrman S. (2016). Effect of aging on keratoconic corneas. <i>J Optom</i> , 9 (2): 72-77.
Do CW, Chan LYL, Wong HHY, Chu G, Yu WY, Pang PCK, Cheong AMY, Ting PWK, Lam T, Kee CS, Lam A, Chan HHL. (2016). Blending community service and teaching to open vision care and eye health awareness to university students. <i>Journal of Higher Education Outreach and Engagement</i> . 20(4): 81-91	Ng JCM, Fung MMY, Chan HHL, Lai JSM. (2017). Statin use and open-angle glaucoma: evidence from observational studies. <i>Invest Ophthalmol Vis Sci</i> , 58: 155–157.
Woo GC. (2017). Primary Care Optometry. In HX Xi & Z Lin (Eds.), <i>眼健康管理</i> , 7-15	Rashid Z, Millodot M and Evans K. (2016). Characteristics of keratoconic patients attending a specialist contact lens clinic in Kenya. <i>Middle East African Journal of Ophthalmology</i> , 23(4): 283-287.
Hon Y, Chen GZ, Lu SH, Lam DCC, Lam A. (2017). High myopes have lower normalised corneal tangent moduli (less 'stiff' corneas) than low myopes. <i>Ophthalmic & Physiological Optics</i> , 37:42–50.	Valdes M, Woo S, Pratt J, Woo GC. (2016). A pilot study investigating prismatic image relocation in subjects with bilateral central scotomas. <i>Chin J Optom Ophthalmol Vis Sci</i> , 18(10): 613-618.
Hon Y, Wan K, Chen GZ, Lu SH, Lam DCC, Lam AKC. (2016). Diurnal Variation of Corneal Tangent Modulus in Normal Chinese. <i>Cornea</i> , 35(12):1600-1604.	

Upcoming Conferences / Seminars / Workshops

	Details	Date & Venue
Conference	The 15th Hong Kong Optometric Conference	9 November 2017 Hong Kong Convention and Exhibition Centre
Seminar	Optometric Management of Strabismus Pre- and Post-Strabismus Surgery	8 November 2017 The Hong Kong Polytechnic University

STUDENT CORNER

Outbound Exchange Students (Summer 2016)

Mr Paul Chun-hong Lau
Year 5, Optometry

Exchange Period: 11 July - 19 August 2016
The University of Melbourne
Melbourne, Australia

Kelvin, Sandra and Paul (from left to right)



It was a great pleasure to participate in an exchange study to The University of Melbourne (UM). My fellow classmates and I started the 40 days' academic exchange program to UM on 11 July. We studied, we learnt, and we enjoyed very much throughout our exchange. It was definitely an unforgettable experience.

Australian optometrists are able to prescribe therapeutic drugs whenever needed. In contrast, such therapeutic management by optometrists is currently prohibited in Hong Kong. I had some hands-on experience in prescribing antibiotics and steroids during the clinical placement. I could fully practise what I learnt in Hong Kong. I also had the opportunity to attend some grand rounds and lectures with the local students studying the 4-year Doctor of Optometry program. These sessions were both fun and immensely useful. I also sat in several specialty clinics such as colour vision clinic, cornea clinic, and glaucoma clinic.

It is hard to share every pleasurable experience, but in short, I would recommend Year 4 students to take part in an exchange study to UM. I would also like to sincerely thank our School and the Department of Optometry & Vision Sciences of UM for organizing such a wonderful trip.

University of Melbourne EyeCare Clinic – place where I had the clinical placement



Melbourne – a metropolitan city that never let you disappointed

Ms Jayne Ching-yi Ho
Year 5, Optometry

Exchange Period: 11 July - 8 August 2016
International Specialist Eye Centre, Universiti Kebangsaan Malaysia
Kuala Lumpur, Malaysia

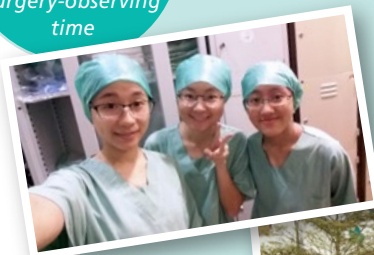
Jayne (1st from right) and classmates takes selfie with professional corneal expert – Dr Michael (left) on the last day.

This summer, I did something really fruitful and meaningful – experiencing an exchange student life in Malaysia. I was fortunate to be offered a place in the International Specialist Eye Center (ISEC) co-organized by the Universiti Kebangsaan Malaysia. My two classmates and I had clinical attachment and operational observation during our stay in the ISEC. The eye surgeons there were extremely nice. They facilitated us to observe surgery procedures, including corneal transplantation which are quite rare to see in Hong Kong. In addition, during clinical attachment, the ophthalmologists also helped us observe some special cases using specific clinical devices. These experiences widened our horizon in the perspective of clinical knowledge and strengthened our clinical skills.

Sightseeing is also a must — Malaysia is a large and beautiful place to explore. On weekends, we went to Ipoh and Melaka, which are two lovely places full of cultural beauty recommended by Lonely Planet.

The trip was also very rewarding by boosting our independence. We had to handle housework, find our way to places for sightseeing and cook for ourselves. This will be one of the most unforgettable moments throughout my lifetime.

Jayne (1st from right) and classmates, after a whole-day surgery-observing time



Beautiful Melaka, Malaysia



A visit to Kellie's Castle in Ipoh with local students being our tour guide (Jayne: 2nd from left)

Clinical Rotation in Aier Eye Hospital (Shenzhen)

Optometry students had clinical rotation at Aier Eye Hospital (Shenzhen) in February 2017.



Prof. Jing Sima (left) teaches our students on a special case.



Inbound Exchange Students

Sichuan University (16 January – 13 April 2017)

(from left to right)

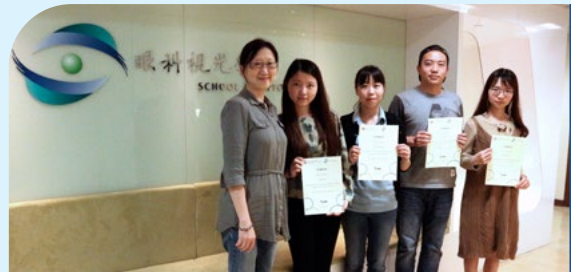
Dr Allen Cheong

Miss Zhu Bixia

Miss Yang Yajing

Mr Ye Xiangyu

Miss Zhong Shiqi



Tianjin Medical University (5 – 16 June 2017)

(from left to right)

Dr Allen Cheong

Miss Zhang Lingyi

Miss Li Na

Miss Zhang Zhe

Miss Mu Pengyue



The University of New South Wales

(5 – 30 June 2017)

(from left to right)

Mr Samuel Tang

Ms Peiting Chik

Dr Henry Chan



OPTOMETRY ALUMNI

Hong Kong Optometry Golf Day 2016

The Hong Kong Optometry Golf Day hosted by the Optometry Alumni Association was held on 30 November 2016 at The Jockey Club Kau Sai Chau Public Golf Course. The day turned out to be very pleasant for golfing for the 20 participants.



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