





Department of Health Technology and Informatics (HTI) 2015-16

Activities and Achievements

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PolyU Events

PolyU Education Info Day 10 October 2015

> PolyU Info Day for **Taught Postgraduate Programmes** 9 January 2016

PolyU Admission Strategies for JUPAS Applicants 27 May 2016

PolyU held various Info Days on campus to provide HKDSE students, JUPAS applicants, career teachers, and the general public with first-hand information on its undergraduate and taught postgraduate programmes.

HTI organized information seminars, consultation sessions, laboratories visits, and demonstration sessions to give visitors in-depth information on the below programmes, and sharing on campus life experiences during these Info Days:

- Master of Science in Medical Laboratory Science
- Master of Science in Medical Imaging & Radiation Science
- Bachelor of Science (Honours) in Medical Laboratory Science
- Bachelor of Science (Honours) in Radiography











PolyU 21st Congregation - Faculty of Health and Social Science 28 October 2015

The 21st Congregation (Faculty of Health and Social Science) is held for the conferment of academic awards at Master's degree level and below to graduates of the Faculty (including Department of Health Technology and Informatics) who have successfully completed their programmes of study or research in the academic year 2014/15.





HTI Seminars & Events

HTI Research Seminars 2015-16



Dr YAP Peng Huat Eric, MBBS(Hons) DPhil Associate Professor in Human & Microbial Genetics Lee Kong Chian School of Medicine Imperial College London - Nanyang Technological University, Singapore

28 August 2015



Dr Raed N. SAMARA, PH.D., P.M.P Global Product Manager QIAGEN, FREDERICK, MD

25 May 2016



Research Seminars by HTI research postgraduate students







HTI Postgraduate Symposium 7 June 2016







HTI Orientation Day 25 August 2015



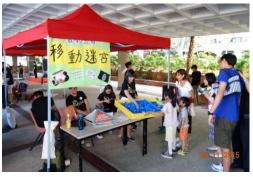






World Radiography Day 7 – 9 November 2015







Career Talk for HTI Students 26 April 2016









Award Ceremonies for HTI Graduates 25 & 26 May 2016







HTI Retreat 3 June 2016



Festive Celebrations (Mid-Autumn / Christmas / Chinese New Year)





Student Exchange

Inbound Exchange

BSc (Hons) in Medical Laboratory Science

- Glasgow Caledonian University, UK
- National Cheng Kung University Hospital, Taiwan

BSc (Hons) in Radiography

- Nanyang Polytechnic, Singapore
- Shantou University, China





Outbound Exchange

BSc (Hons) in Medical Laboratory Science

- Chang Gung Memorial Hospital, Taiwan
- Kaohsiung Medical University Chung-Ho Memorial Hospital, Taiwan
- National Cheng Kung University Hospital, Taiwan
- National Taiwan University Hospital, Taiwan
- National Yang Ming Medical University Hospital, Taiwan
- SA Pathology (Transfusion Medicine, FMC), South Australia
- Tung Ren Hospital, Beijing, China

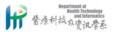
BSc (Hons) in Radiography

- Nanyang Polytechnic, Singapore
- National Taiwan University Hospital, Taiwan
- Shantou University, China





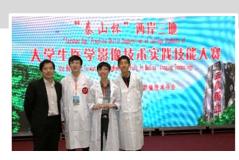




Awards and Scholarships

Awards / Prizes

"Taishan Cup" Practice Skills Competition of College Students of the Mainland, Taiwan and Hong Kong Majoring in Medical Imaging Technology (Organiser: Chinese Society of Radiology of the Chinese Medical Association)



Division	Award	Awardee(s)
Group	Second-Class Award	 The Hong Kong Polytechnic University LAM Chun Ning - BSc (Hons) in Radiography LAU Ka Wai - BSc (Hons) in Radiography KAN Ming Yin - BSc (Hons) in Radiography
Research Presentation	First-Class Award	LAM Chun Ning - BSc (Hons) in Radiography LAU Ka Wai - BSc (Hons) in Radiography KAN Ming Yin - BSc (Hons) in Radiography
Digital Radiography (DR) Examination Technology	Second-Class Award	LAU Ka Wai - BSc (Hons) in Radiography
Computerized Tomography (CT) Examination Technology	Third-Class Award	KAN Ming Yin - BSc (Hons) in Radiography

Outstanding Student Award, Department of Health Technology and Informatics, 2015

HO Yan Yee BSc (Hons) in Radiography

The Radiography Alumni Association Award - The Best Improvement Student of Year 2

CHAN Chong Wai
CHEUNG Ho Jun Alvin

BSc (Hons) in Radiography
BSc (Hons) in Radiography

Hong Kong Association of Radiation Therapists Award - The Best Improvement Student of Year 3

MAN Krystal Tsz Ching BSc (Hons) in Radiography

Hong Kong College of Radiographers and Radiation Therapists Award - The Best Final Year Project Poster

Group 8:	CHENG Chun Yin CHO Tsz Chun CHOW Man Hoi HO Chun Long LO Ho Yan LAW Chun Him	BSc (Hons) in Radiography BSc (Hons) in Radiography
Group 10:	CHU Miu Ying KWOK Kin Wa LAW Nga Ping NG Wai Man WONG Cheuk Ying WONG Kwan Ting	BSc (Hons) in Radiography BSc (Hons) in Radiography

Hong Kong Radiographers' Association Award - The Best Student

LAU Ka Wai HO Yan YeeBSc (Hons) in Radiography
BSc (Hons) in Radiography





Awardees for the Best Students in Subjects

BSc (Hons) in Medical Laboratory Science

Award	Awardee(s)
Book Prize from The Hong Kong Association of Medical Laboratory Limited for the Best Student in Honours Projects	NG Ying Ying
Book Prize from The Hong Kong College of Pathologists for The Best Student in Cellular Pathology	LEE Nga Lam
Book Prize from The Hong Kong Society of Clinical Chemistry for the Best Student in Clinical Chemistry	LEE Nga Lam
Book Prize from The Hong Kong Society of Molecular Diagnostic Sciences Limited for the Best Student in Molecular Biology in Medicine	YEUNG Ka Wah
Book Prize from The Hong Kong Society of Microbiology & Infection for the Best Student in Medical Microbiology	SZE Po Po

BSc (Hons) in Radiography

Subject	Award	Awardee(s)
Clinical Studies (Medical Imaging)	Best Award Highly Commended Award	LAU Hok Wai CHAN Pui Ki CHAU Man Fung CHEN Ka Lam LAM Chung Ning LAU Ka Wai LAW Nga Ping LO Wing Yee
Clinical Studies (Radiation Therapy)	Best Award Highly Commended Award	TAM Chi Wing Ho Yan Yee
Computed Tomography (Medical Imaging)	Best Award Highly Commended Award	LAU Ka Wai CHOW Man Hoi FUNG Ming Ho KAN Ming Yin LAM Chung Ning LO Pui Ki
Computed Tomography (Radiation Therapy)	Best Award Highly Commended Award	LAM Po Wa Ho Yan Yee
Imaging Informatics	Best Award Highly Commended Award	CHAN Ka Yan CHAN Hei Yeung Young FUNG Lok Hang FUNG Ming Ho HSU Siu Kam LAW Nga Ping
Magnetic Resonance Imaging (Medical Imaging)	Best Award Highly Commended Award Highly Commended Award Highly Commended Award Highly Commended Award	LI Chun Fai HON Man Lap LAU Ka Wai LO Pui Ki YEUNG Shuk Kuen



Subject	Award	Awardee(s)
Magnetic Resonance Imaging (Radiation Therapy)	Best Award Highly Commended Award	NG Ching Fung Ho Yan Yee
Medical Imaging Studies III	Best Award Highly Commended Award	HSU Siu Kam CHOI Kiu Yan Christy CHOW Chun Ho CHU Miu Ying LO Pui Ki LO Wing Yee
Project	Highly Commended Award	CHAN Kee Leong CHAN Lok Ching CHAN Pui Ki CHO Tsz Chun CHOI Kiu Yan Christy CHOW Chun Ho LAI Man Yin LAM Chung Ning LAU Ka Wai
Radionuclide Imaging	Best Award Highly Commended Award	CHENG Wai Nok CHAN Ying Kwan CHEUNG Chi Sum KAN Ming Yin LO Pui Ki WONG Yuen Ting YAU Ka Ho
Radiotherapy Equipment & Dosimetry	Best Award Highly Commended Award	LAM Po Wa Ho Yan Yee
Radiotherapy Patient Management	Best Award Highly Commended Award	Ho Yan Yee NG Ching Fung
Radiotherapy Studies IV	Best Award Highly Commended Award	TAM Chi Wing HO Yan Yee
Special Cancer Therapy	Best Award Highly Commended Award	Ho Yan Yee TSUI Si Wing
Ultrasonography	Best Award Highly Commended Award	KAN Ming Yin CHAN Yiu Cheong LAM Chung Ning LAU Ka Wai LO Wing Yee YAU Ka Ho YEUNG Shuk Kuen
Vascular & Interventional Radiology	Best Award Highly Commended Award	LAU Ka Wai FUNG Ming Ho LAM Chung Ning LAW Nga Ping LO Pui Ki YAU Ka Ho



Scholarships

BSc (Hons) in Medical Laboratory Science

Scholarship	Awardee(s)	
Fung Scholarship	NG Wai Yin	
HKSAR Government Scholarship	SZE Po Po WONG Pui Yin	
HKSAR Government Scholarship Fund - Talent Development Scholarship	TO Ka Chung WONG Tsz Fu	
Michael Shum Scholarship	NG Sze Wing	
Rennie's Mill Student Aid Project Alumni Association Scholarship	LEE Nga Lam	
The Hong Kong Polytechnic University Entry Scholarship (Academic)	CHAN Chui Hei CHAN Hon Man CHAN Ming Tzar CHENG Chun Kin CHENG Yin Tung CHOW Sze Yuen CHU Po Wah FENG Ru Ying FU Pik Yuk HO Ka Po HO Pui Ki HUNG Choi Hang LAM Kwan Yin LAM Lok Yung LEE Ho Ching Edmond LEE Ka Oon LEE Man Hin LEE Yiu Chung Victor	LIU Ho Man LO Chau Yu LO Ka Yin NG Pak Chung NG Pik Kei NG Tsz Huen NG Tsz Wai NG William TAM Tsz Yan TONG Sze Man TSE Ka Wai WONG Cham To WONG Ching Man WONG Chun Hei WONG Lok Yiu WONG Yat Chun YU Kit Yi
The Hong Kong Polytechnic University Entry Scholarship (Non-Academic)	LEUNG Siu Lun	
The Hong Kong Polytechnic University Scholarship	LEE Nga Lam	

BSc (Hons) in Radiography

Scholarship	Awardee(s)
Dr Ng Tat-lun Memorial Scholarship	TAM Chi Wing
Fuji Radiography Award	KAN Ming Yin
HKSAR Government Scholarship	CHUNG Tsz Hei HO Yan Yee TAM Chi Wing
HKSAR Government Scholarship Fund - Reaching Out Award	LAU Wing Sum
HKSAR Government Scholarship Fund - Talent Development Scholarship	NG Yan Yue TANG Ki Wan Calvin TONG Kin Kei TSE Chun Yin WONG Chun To



Scholarship	Awardee(s)	
HKSAR Government Scholarship Fund - Talent Development Scholarship	NG Yan Yue TANG Ki Wan Calvin TONG Kin Kei TSE Chun Yin WONG Chun To	
Hong Kong Chiu Chow Chamber of Commerce Scholarship	TAI Wing Yi	
Innovation and Technology Scholarship Award 2016	ONGKY Anita	
The Hong Kong Polytechnic University Entry Scholarship (Academic)	AU-YEUNG Kin Ying CHAN Cappi T. Y. CHAN Chi Wing CHAN Fong Chi Andrei CHAN Ka Wing CHENG Chi Ho CHEUNG Yui Him CHIU Ho Yan CHOI Wan Fung CHUNG Man Ki FAN Yeuk Nam FONG Man Chun FUNG Wai Yin GU Pik Man HO Pui Pik HUI Fuk Yuen HUI Ka Ching HUNG Tsz Hin Nicholas KUO Simon KWOK Chun Yin KWONG Hui Ching LAM Cheuk Yan LAM Ho Suet Stephanie LAM Si Yu LAM Tsz Ho LAU Wai Kwan LEE Chun Shun LEE Ho Man LEE Tsz Fung LEUNG Tak Wong	LI Chun Lok LI Lok Kan Matthew LIU Ka Cheung LO Sze Wan Naomi MOK Man Fung Ethan NG Ka Yin NG Yu Hin NGAI Cho Fai NGAI Lo Kin NGAN Chiu Choi POON Hoi Ying SHUM Wun Yu SZE Ka Wah SZETO Ho Lun Roland TAI Ki Sang Cayson TAM Chun Yan Tony TO Lok Hang TONG Kin Kei TSANG Shing Chi TSE Ka Yan Theresa WAN Ho Yin WONG Anson On Sang WONG Kin Ho WONG Lok Ting WONG Wai Lung YAN Hok Pun YAN Tsz Nok YU Tsz Hin
The Hong Kong Polytechnic University Scholarship	MAN Chun Wai	
V.K. Hsu & Sons Foundation Ltd. Scholarship	LAU Maggie	
Wofoo Foundation Scholarship	HUNG Wai Chung	





New Scholarships to be Offered in 2016-17

Hou Wan Chuen Scholarship for Medical Laboratory Science 侯允存醫療化驗科學獎學金

The Hou Wan Chuen Scholarship for Medical Laboratory Science (侯允存醫療化驗科學獎學金) is established by Dr HOU Lee Tsun (侯勵存醫生), currently the Director of the Histopathology and Cytology Division, Department of Pathology, Hong Kong Sanatorium and Hospital Limited (HKSH), in memory of his younger brother Mr HOU Wan Chuen (侯允存先生). The Scholarship serves to attract, retain and reward outstanding students studying the programme BSc (Hons) in Medical Laboratory Science. In particular, the Scholarship serves to attract and recruit young interested students to be trained as medical technologists and provide a continual supply of promising medical technologists in the discipline of histopathology (also known as cellular pathology) to meet the ever-increasing demand of such service.

Eligibility:

At the start of every academic year, six new year-1 BSc (Hons) in Medical Laboratory Science students with the highest scores in the Hong Kong Diploma of Secondary Education (HKDSE) will be shortlisted for the Scholarship.

Number of Scholarships:

Two students will be selected as the awardees of the Scholarship on the basis of their academic merits and other co-curricular activities.

Scholarship Amount:

Each Scholarship awardee will receive HK\$40,000 each academic year to support their study and other academic and co-curricular activities together a certificate.

Criteria for Award:

Each successful awardee is eligible for the Scholarship for a total of four years provided that the awardee can achieve a cumulative grade point average (GPA) of at least 3.4 (subject to regular review) at the end of every academic year.



(From left to right) Dr HOU Lee Tsun (the donor), Mr K.K. CHAN (Senior Medical Technologist in-charge, HKSH), Prof. YIP Shea Ping (Head of HTI, PolyU)

Scholarship for the Postgraduate Scheme in Health Technology

To recognize students' outstanding academic performance and to help build a well-trained and strong workforce of MLS and Radiography professionals, scholarships will be offered to the 2016-17 cohort of taught postgraduate students.

Eligibility:

Graduates from the Department of HTI, PolyU admitted to the MSc in Medical Laboratory Science (MScMLS) and MSc in Medical Imaging and Radiation Science (MScMIRS) programmes in 2016-17 will be automatically considered for the award of the Scholarship.

Number of Scholarships:

A maximum of 5 scholarships will be awarded for each MSc programme offered by the Department (i.e. 5 for MScMLS students and 5 for MScMIRS students).

Scholarship Amount:

The Scholarship is valued at HK\$20,000 each.

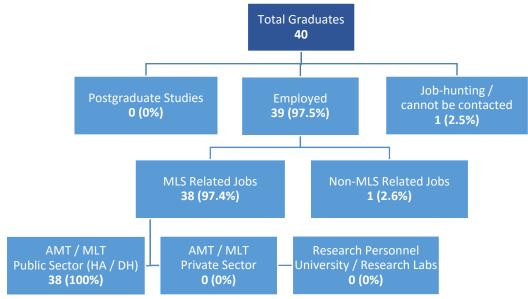
Criteria for Award:

The awardees should possess outstanding academic results from their undergraduate study at HTI (i.e. with an award GPA of 3.50 or above). The Scholarship recipients will receive the full amount of the award after having successfully attained 15 credits from their enrolled MSc programme.

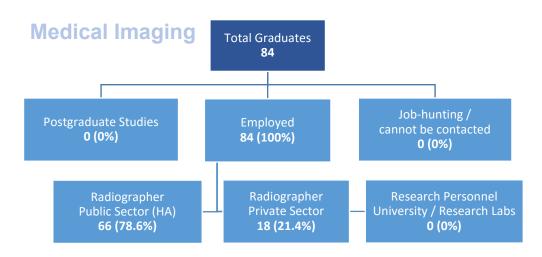


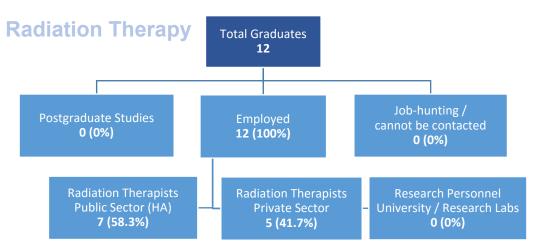
Employment Status of Graduates of 2015-16

BSc (Hons) in Medical Laboratory Science



BSc (Hons) in Radiography





AMT : Associate Medical Technologist MLT : Medical Laboratory Technologist

HA: Hospital Authority
DH: Department of Health

(Data collected in August 2016)



Guest Visits





Dr Keiji FUKUDA

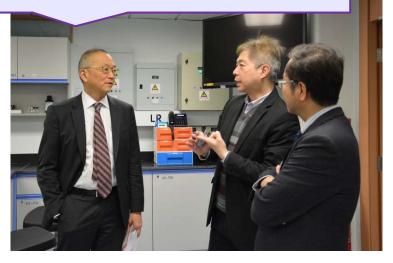
Assistant Directors-General, World Health Organization

1 February 2016



26 May 2016





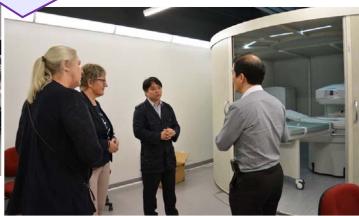




Bergen University College, Norway

17 - 20 November 2015





Chiang Mai University, Thailand

8 December 2015





University of Cincinnati, United States

8 March 2016







Activities for Secondary Schools

PolyU Summer Programme – HTI For Secondary 4 & 5 students 20 July 2016













Visits by Secondary Schools' Students

Pui Ching Middle School 30 September 2015



Belilios Public School 11 November 2015





St. Paul's School (Lam Tin) 18 November 2015



Ying Wa College 9 December 2015



NTHYK Yuen Long District Secondary School

26 January 2016





St. Clare's Girls School 4 March 2016

STFA Leung Kau Kui College 17 March 2016





Shatin Methodist College 22 April 2016





Media Coverage



Media interview conducted with Dr YING Tin Cheung Michael, Dr WU Wing Cheung Vincent and Prof. YIP Shea Ping on their research entitled:

"Ultrasound Evaluation of Carotid Atherosclerosis in Post-radiotherapy Nasopharyngeal Carcinoma Patients, Type 2 Diabetics and Healthy Controls"

24 November 2015







8/15/2016 金入

the Like 203 Share

RTHK online coverage introducing Medical Laboratory Science, Medical Imaging and Radiation Therapy disciplines.







福島核事件设,人人款"幅"色塑,有人卻天天與途"可怕"的幅 射"打交道"。這些人到底是誰?放射師和放射治療師正是醫院 裡的X men. 他們運用X光或輻射分別達到診斷和治療的目 的。你知道他們的培訓過程嗎?

放射學在現代醫療體系中不可或缺。有見及此、香港理工大學 於1992年開辦全港首個全日制放射學(榮譽)學士學位課程以 培訓本地專業人才。課程涵蓋兩個不同專業範疇:放射診斷(體 學成像Medical Imaging) 及放射治療(Radiation Therapy).

學生首年須维續解削學、生理學等醫療科學基礎課程以及通識 科。有別於海外的同類課程,學生將於第二年才選擇醫學成像 或放射治療專案,不需在入學時決定意向。選擇專業後才指讀 相關科目, 如為理學、放射物理學、放射生物學、放射防護學和 法律與倫理學。

往後課程將各自深化醫學成像及放射治療的專業學術知識。並 配合臨床經驗為執案作準備。校方亦提供海外實習被會,讓學 生能與英國及新加坡學生交流、增廣見聞、互取長處。











Publications

- Fan Q, Verhoeven VJ, Wojciechowski R, Barathi VA, Hysi PG, Guggenheim JA, Höhn R, Vitart V, Khawaja AP, Yamashiro K, Hosseini SM, Lehtimäki T, Lu Y, Haller T, Xie J, Delcourt C, Pirastu M, Wedenoja J, Gharahkhani P, Venturini C, Miyake M, Hewitt AW, Guo X, Mazur J, Huffman JE, Williams KM, Polasek O, Campbell H, Rudan I, Vatavuk Z, Wilson JF, Joshi PK, McMahon G, St Pourcain B, Evans DM, Simpson CL, Schwantes-An TH, Igo RP, Mirshahi A, Cougnard-Gregoire A, Bellenguez C, Blettner M, Raitakari O, Kähönen M, Seppala I, Zeller T, Meitinger T; Consortium for Refractive Error and Myopia, Ried JS, Gieger C, Portas L, van Leeuwen EM, Amin N, Uitterlinden AG, Rivadeneira F, Hofman A, Vingerling JR, Wang YX, Wang X, Tai-Hui Boh E, Ikram MK, Sabanayagam C, Gupta P, Tan V, Zhou L, Ho CE, Lim W, Beuerman RW, Siantar R, Tai ES, Vithana E, Mihailov E, Khor CC, Hayward C, Luben RN, Foster PJ, Klein BE, Klein R, Wong HS, Mitchell P, Metspalu A, Aung T, Young TL, He M, Pärssinen O, van Duijn CM, Jin Wang J, Williams C, Jonas JB, Teo YY, Mackey DA, Oexle K, Yoshimura N, Paterson AD, Pfeiffer N, Wong TY, Baird PN, Stambolian D, Wilson JE, Cheng CY, Hammond CJ, Klaver CC, Saw SM, Rahi JS, Korobelnik JF, Kemp JP, Timpson NJ, Smith GD, Craig JE, Burdon KP, Fogarty RD, Iyengar SK, Chew E, Janmahasatian S, Martin NG, MacGregor S, Xu L, Schache M, Nangia V, Panda-Jonas S, Wright AF, Fondran JR, Lass JH, Feng S, Zhao JH, Khaw KT, Wareham NJ, Rantanen T, Kaprio J, Pang CP, Chen LJ, Tam PO, Jhanji V, Young AL, Döring A, Raffel LJ, Cotch MF, Li X, Yip SP, Yap MK, Biino G, Vaccargiu S, Fossarello M, Fleck B, Yazar S, Tideman JW, Tedja M, Deangelis MM, Morrison M, Farrer L, Zhou X, Chen W, Mizuki N, Meguro A, Mäkelä KM. (2016). Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. Nature Communications, 7:11008.
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^{*} HTI staff members are shown in green.





Grants

Internal Grants

Internal Grant for General Research Fund (GRF) / Early Career Scheme (ECS) Proposals Rated 3.5 in the 2015-16 Exercise:

Funding Source	Principal Investigator	Co-Investigator (from PolyU)	Project Title	Funding Supported	Top-up Funding from Department	Total Funding Supported
	Dr SIU Kit Hang Gilman		An integrated genomic- transcriptomic approach to unraveling virulence mechanisms in Mycobacterium tuberculosis during intracellular infection		HK\$54,700	HK\$159,700
	Dr LAW Ka Wai Helen The role of immune complexes in glomerular endothelial cell injury and lupus nephritis		HK\$54,660	HK\$159,660		
Central Research	Dr SIU Ming Fai Parco		Elucidating the mechanisms of the anti-diabetic effects of desacyl ghrelin: the involvement of autophagy in restoration of impaired insulin signaling in diabetic muscle	HK\$105,000	HK\$54,660	HK\$159,660
Grant	Dr WONG Sze Chuen Cesar		Prognostic significance of CD166-positive cancer stem cells and their associated DNA mutations in colorectal cancer		HK\$54,660	HK\$159,660
	Prof. YIP Shea Ping	Prof YAP Keng Hung Maurice [SO]	Genetic susceptibility to myopia: from fine-mapping of selected GWAS signals to functional characterisation		HK\$54,660	HK\$159,660
	Dr CHAN Wing Chi Lawrence	Prof YUNG Yat Ming Benjamin Dr Wong Sze Chuen Cesar	A Binary-Descriptor Method for Identifying Multiple Co-expression Signatures with Unique Biological Contexts in Cancer		HK\$54,660	HK\$159,660

Start-up Research Fund for New Recruits:

Funding Source	Principal Investigator	Project Title
	Dr ZOU Xiang	Mast Cells as Targets for Immunotherapy and Vaccination
	Dr HUANG Chien Ling	Genetic Regulation and Biological Significance of Key IncRNAome in Myeloproliferative Neoplasms
	Dr HUANG Chien Ling	Identification of novel signalling interactome in modulating stem-cell-derived immunomodulation for tissue regeneration
5	Dr LAI Wai Keung Christopher	Danshensu and Shear Stress Induced Endothelial Dysfunction
Departmental Start-up Fund	Dr LAW Ka Wai Helen	Correlation between microRNAs expression and vascular complications in Chinese diabetic subjects
·	Dr LEE Wee Yee Shara	Non-invasive detection of haemodynamic changes using impedance cardiography (PhysioFlow) and transcutaneous Doppler (USCOM) during head-up tilting Evaluation of haemodynamic changes using non-invasive monitors in blood donors
	Dr SIU Kit Hang Gilman	Elucidation of virulence mechanism in Mycobacterium tuberculosis
	Dr WONG Sze Chuen Cesar	The study of plasma gene expression in colorectal cancer patients using NanoString nCounter Technologies



External Grants

Funding Source	Principal Investigator	Co-Investigator (from PolyU)	Project Title	Total Funding Supported
Griffith University and PolyU Collaborative Research Grants Scheme 2015	Dr LAI Wai Keung Christopher		The antioxidant effect of danshensu and increased serum bilirubin level on kidney perfusion in diabetic and non-diabetic mouse models	HK\$180,000
2016-17 General Research Fund (GRF) Exercise	Dr WU Wing Cheung Vincent	Dr YING Tin Cheung Michael	A longitudinal study on the radiation induced changes of the salivary gland in radiotheraphy of nasopharyngeal cancer patients	HK\$925,616
Hong Kong Anti- Cancer Society Research Grant	Dr WONG Sze Chuen Cesar		The diagnostic significance of plasma targeted mRNAs using NanoString nCounter technology in colorectal cancer patients	HK\$179,900

Teaching Grants

Funding Source	Project Leader	Project Title	Total Funding Supported
Internal Grant	Dr Peter WHITE	Internationalising student learning experience projects	HK\$142,095
	Dr HUANG Chien Ling	Internationalising student learning experience projects	HK\$127,157
	Dr LAI Wai Keung Christopher	Internationalising student learning experience projects	HK\$250,894
	Dr CHAN Tai Po Charles	Internationalising student learning experience projects	HK\$141,156
	Dr LAU Wing Sze Josephine	Medical terminology proficiency: Developing a new interdisciplinary SPOC eLearning module for promoting active learning in all health science discipline-specific requirement subjects offered by the Faculty of Health and Social Sciences	HK\$150,000



Internal Equipment Grants

Funding Source	Project Title	Total Funding Supported
Large Equipment Fund for Teaching (1 st Round)	Model 6600 PLUS TLD Card Reader Instrument (with built-in Internal 90Sr/Y Irradiator for the 6600 PLUS)	HK\$1,912,000
	Complete Body Phantom System for Computerized Tomography	HK\$808,450
Large Equipment Find for	Platelet/Whole Blood Optical Lumi-Aggregometer	HK\$530,760
Large Equipment Fund for Teaching (2 nd Round)	Real-time Quantitative Polymerase Chain Reaction Systems (LC480 and LC96)	HK\$890,581
	Top Pan Balance & others	HK\$1,349,259
	Water Bath & others	HK\$1,210,090
	Inductively Coupled Plasma – Mass Spectrometry	HK\$1,399,090
	Digital X-ray Radiography System	HK\$2,300,000
Dean's Reserve	Elastography Ultrasound System	HK\$1,292,000
	NARDA Radiation Meter System	HK\$682,500
	TLD-Card and TLD-Card Holder	HK\$397,400
	Advanced Life Support (ALS) Simulator	HK\$176,500
	BioBots, 3D Printer of Living Tissues	HK\$100,000

The Hong Kong Polytechnic University Department of Health Technology and Informatics

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