## HONG KONG PHD FELLOW/SHIP SCHEME 2025/26



School of Fashion & Textiles 時裝及紡織學院

## JOIN HKPFS @ SFT OF POLYU

## <sup>2</sup> <u>ABOUT</u>

## SCHOOL OF FASHION AND TEXTILES

In 2022, the Institute of Textiles and Clothing (ITC) of The Hong Kong Polytechnic University (PolyU) transformed into the School of Fashion and Textiles (SFT).

SFT is an international school that offers academic programmes in fashion, textiles, and design and materials research to cultivate leaders, designers and entrepreneurs who will shape the future of fabrics and garments.

Building on a rich legacy that has instructed more than 30,000 textiles professionals and launched their career, SFT aspires to educate and engage a new generation of students for a fulfilling and successful career in the fashion and textile industries. SFT has pioneered interdisciplinary research schemes in partnership with industry bodies and institutions within Hong Kong, the Greater Bay Area of China, and beyond. State-ofthe-art facilities and equipment for learning, teaching and consultancy ensure students receive the highest standards in practical experience and education.

Blending the East and West cultures, SFT offers a syllabus and learning environment that is truly global, diverse and collaborative. As the only fashion school in Hong Kong to provide tertiary fashion education for undergraduate and postgraduate qualifications, SFT is well-positioned to provide optimal learning and positive development for students of any ambition.

### JOIN SFT @POLYU UNDER HKPFS

The School of Fashion and Textiles (時裝及紡織學院)(SFT) is one of world's leading institutions in fashion, textiles and design education, research and partnership. We are looking for global students who seek a competitive professional edge and are interested in pursuing their PhD studies under the prestigious and competitive Hong Kong PhD Fellowship Scheme (HKPFS). Join us to realise your research aspirations!

## POLYU'S HKPFS PACKAGE

Nominated HKPFS candidates by PolyU to the Research Grants Council will be automatically admitted into the PhD programme and awarded the:

→ PolyU Presidential PhD Fellowship Scheme; or

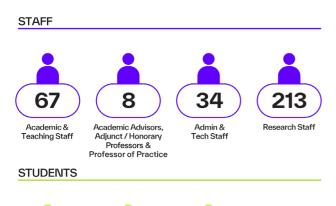
→ PolyU Research Postgraduate Scholarship

HK\$ 337,200 (~US\$43,231) for the entire regular study period
HK\$ 14,000 (~US\$1,795) per year for the entire regular study period
First year : HK\$40,000 (~US\$5,120) From the second year to the end of the regular study period: HK\$20,000 (~US\$2,560) per year
Tuition fees waived for the entire regular study period
Guaranteed place for 2 years

### <sup>8</sup> SFT'S RESEARCH

SFT provides the unique integration of fashion design, technology and business, and is dedicated to world-class excellence in impactful and interdisciplinary research to meet societal needs for a sustainable future. We have demonstrated remarkable research breakthroughs in fashion, textiles and business with a proven track record in funding from the government and other research funding units, together with award-winning projects.

#### NUMBER OF STAFF & STUDENTS\*







**3**rd in Asia **CEOWORLD Best Fashion** School Rankings 2022

20<sup>th</sup>

**QS World University** Rankings by Subject 2023: Art and Design

Prof. Fan Jintu

Prof





Prof. Kinor Jiang



rof. Kan Chi-wa





The World University Rankings by Subject 2023: Arts and Humanities



Average Number of Citations per Staff Number





of. Wang Xungai



Prof. Christina Wong

Prof. Calvin Wong

rof. John Xin





Total number of Publications

#### **OUR SCHOLARS**

Xu Bingar

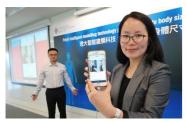
SFT Scholars Ranked Among Top 2% of Scientists in the World in a report by Stanford University in the USA

#### 12 KNOWLEDGE TRANSFER

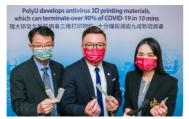
- Smart Wearables Technologies
- → Anti-virus 3D Printing Material
- → 'Walter' The World's First 'Sweating' Fabric Manikin
- Bowing Gear Design for Hong Kong Rowing Team at Asian Game
- → Biofeedback Tank-top for adolescents with mild scoliosis



⊖ Smart Wearables Technologies



Intelligent 3D Human Modelling Technology



⊖ Anti-virus 3D Printing Material



→ Rowing Gear Design for Hong Kong Rowing Team at Asian Game



→ Biofeedback Tank-top for adolescents with mild scoliosis



Section Structure Stru

#### 14 RESEARCH AWARDS



2024 Silicon Valley International Inventions Festival

Development of Intelligent Nighttime Brace with Smart Padding to Treat Adolescent Idiopathic Scoliosis

#### Prof. Joanne Yip, Associate Dean

Prize of the Korea Invention Promotion Association and Gold Medal



48th International Exhibition of Inventions Geneva

Revolutionary Mussel-inspired Polyester for Next Generation Sportswear and Functional Clothing

Prof. John Xin, Lee Family Professor in Fashion & Textiles, Chair Professor of Textile Chemistry

Gold Medal



48th International Exhibition of Inventions Geneva

Safe and Eco-friendly Antimicrobial Materials with High Efficiency

Prof. Tao Xiaoming, Director, Research Centre of Smart Wearable Technology, Vincent and Lily Woo Endowed Professorship in Textiles Technology, Chair Professor of Textile Technology and Dr Zhang Ziheng, Postdoctoral Fellow; CEO, Ecolar Technology Limited

Gold Medal



48th International Exhibition of Inventions Geneva

A Sport-Specific Soft Manikin System for Sports Bra Design Prof. Yick Kit-lun Gold Medal



Inaugural "Flying High" exhibition, Paris, France

Features a diverse array of SFT's research and innovations across disciplines from fashion to technology and sustainable materials



The 49th International Exhibition of Inventions of Geneva **iActive: Intelligent Active-Perspiration Activewear Dr Shou Dahua** Gold Medal

## RESEARCH FACILITIES

#### LABORATORY 18

- ⇒ 3D Body Scanning Laboratory

- → Apparel Finishing Laboratory

- ⇒ Fabric Objective Measurement Laboratory
- Garment Laboratory
- + Human Performance Apparel Research Laboratory

- ⇒ Material Synthesis and Processing Laboratory
- → Plasma Treatment Laboratory
- Physical Testing Laboratory
- Spinning Laboratory
- ⇒ Weaving Laboratory

#### STUDIO

- → Fashion Design Studio
- → Intimate Apparel Design Studio
- → Photography Studio

#### WORKSHOP

→ Dyeing and Finishing Workshop

#### **OTHERS**

- The Fashion Gallery 4



→ Laser Engraving Laboratory





→ Human Performance Apparel Research Laboratory



→ Material Synthesis & Processing Laboratory



⇒ 3D Body Scanning Laboratory



Physical Testing Laboratory



→ Fashion Design Studio



→ Colour Evaluation Laboratory



→ Photography Studio



→ Dyeing and Finishing Workshop







→ Intimate Apparel Design Studio







→ Multimedia Centre



## TAOSIF AHMED → 2023/24 HKPFS Awardee

My name is Taosif Ahmed. Previously, I was enrolled in the University of Dhaka in Bangladesh and subsequently studied at the Vluhan Textile University in China. These academic experiences have transformed me into a dedicated textile engineer with a passion for innovation. My professional experiences at Intertek Group plc and QIMA Limited in both Bangladesh and Hungary have been instrumental in developing my expertise and understanding of the textile industry.

Receiving the Hong Kong PhD Fellowship Scheme (HKPFS) established by the Research Grants Council (RGC) marked a significant milestone in my career, and allowed me to embark on my PhD studies at PolyU. Since my arrival in September 2023, I have been warmly welcomed into the vibrant culture of Hong Kong, making new friends from around the world and exchanging valuable experiences that have broadened my academic and professional horizons.

My research interests, which include smart textiles, triboelectric nanogenerators, and wearable sensors, are at the forefront of textile technology. Since commencing my PhD at the School of Fashion and Textiles (SFT), I have reached significant milestones in a relatively short period, which underscores the nurturing and vibrant research culture at PolyU. The financial backing provided by the HKPFS has been instrumental in my achievements, and afforded me with the opportunity to participate in international conferences, broaden my research collaborations, and acquire essential materials for my studies.

Selecting SFT for my doctoral studies was a decision deeply rooted in the esteemed reputation of the School in scientific research and its comprehensive facilities. I am truly grateful for the guidance provided by my academic advisors and the invaluable opportunity to work alongside distinguished researchers from various fields, which has been incredibly beneficial to my interdisciplinary research journey.

I extend my heartfelt gratitude to the RGC and the HKPFS for the support, which has been essential in my exploration of advanced textile technology research. As I progress through my PhD journey, I am dedicated to making meaningful contributions that advance the textile industry and embodying the qualities of a diligent and effective researcher. My path is marked by steadfast determination, a zest for knowledge, and a commitment to excellence. It is my sincere hope that my story would encourage and uplift others who share the ambition of driving positive change through their scholarly endeavours.



## FANG LINGTAO → 2023/24 HKPFS Awardee

My name is Fang Lingtao. I obtained my Bachelor's degree at Zhejiang University followed by an MPhil degree in the School of Fashion and Textiles (SFT) at PolyU. I have profound appreciation for the educational philosophy of PolyU, and the many opportunities that are available to me, which inspired me to pursue advanced studies at this prestigious institution. I am deeply honoured to continue my doctoral journey as an awardee of the Hong Kong PhD Fellowship Scheme (HKPFS).

As a graduate of PolyU, I have had an unparalleled academic experience at SFT, where the faculty boasts diverse academic backgrounds and extensive research experience in specialised fields. Besides its strong faculty, SFT also offers a wealth of research resources, from state-of-the-art laboratory equipment to comprehensive library holdings and cutting-edge academic databases which are all significantly supporting my PhD research work. With a vibrant academic community, SFT hosts many academic lectures, seminars, and workshops, which provide a rich intellectual environment and connections with esteemed scholars from around the world.

My research focuses on developing innovative materials and technologies that seamlessly integrate wearable devices into our daily life without causing body inflammation and harming the environment, particularly in the field of biocompatible and biodegradable flexible electronic devices. The generous support from the HKPFS has enabled me to access state-of-the-art facilities and resources, attend international conferences, and network with leading researchers, thus giving me the motivation to strive for excellence in my research work. With the financial support of the fellowship, I can commit to advancing sustainable technology and making a positive impact on society through my research work on eco-friendly flexible electronics for healthcare monitoring purposes.



## LIN YUSHI → 2023/24 HKPFS Awardee

My name is Yushi Lin and I am originally from Shenzhen in Guangdong, China, I have a Bachelor of Fine Arts in Fashion Design from the Parsons School of Design and a Master of Fine Arts from the Fashion Institute of Technology. Both are world renowned fashion institutions in New York, USA. During my undergraduate studies, I participated in an exchange programme at Central Saint Martins in London, UK. After graduating, I worked as a fashion designer, during which I found that the future of fashion is deeply intertwined with technology. As a fashion designer, my role not only involves creating looks but also identifying industry problems and using new technology to solve them. These experiences fuelled my desire to pursue a PhD.

As the sole institute in Hong Kong dedicated to higher education in fashion and textiles, the School of Fashion and Textiles (SFT) attracts students from a variety of different backgrounds including technology, design, and business. SFT offers interdisciplinary PhD courses and seminars that foster cross-disciplinary collaborations. Its advanced facilities, such as the CAD Lab, 3D and 4D Body Scanning Lab, Laser Engraving Lab, and Computer Labs, are available to support my research work.

My research work focuses on enhancing online shopping experiences for the elderly in the Greater Bay Area of Mainland China with the creation of a virtual fitting system that is tailored to their needs. The system aims to improve user experience, address fashion-related concerns, and promote more engagement in online shopping among the elderly. This study combines business knowledge, technology, and fashion insights, all of which can be effectively addressed through the unique multidisciplinary academic environment at SFT.

Leveraging the resources and support provided by SFT, I am confident that my research work will yield innovative outcomes for designers and manufacturers in the realm of artificial intelligence. My work aims to better the understanding of the fashion industry of the clothing preferences and software requirements of elderly consumers.

# APPLICATIONS

### <sup>26</sup> START YOUR APPLICATION TODAY

1SEP

#### ↗ SUBMIT INITIAL APPLICATION

Submit one initial application (selecting PolyU as 1st choice) to the Research Grants Council (RGC) at http://cerg1.ugc.edu.hk/hkpfs/InitApplication.jsp and obtain an HKPFS Reference Number

Submission Deadline: ( Dec ] 1 Dec 2024, Noon 1 Hong Kong Time (GMT +8 hours)

#### ↗ SUBMIT FULL APPLICATION

Use the HKPFS Reference Number to submit a full application at https://rpgadmission.polyu.edu.hk and settle the non-refundable application fee of HK\$300 for each application to PolyU

Submission Deadline: 1 Dec 2024, 23:59 Dec 1 Hong Kong Time (GMT +8 hours) 2024

#### INTERVIEW

Attend interview(s) if shortlisted

**31 DEC** 2024

1APR 2025

#### NOTIFICATION OF RESULTS

Successful candidates will be notified by RGC via email

APR 2025



#### **General Enquiries**

T +852 2766 6500 F +852 2773 1432 sft.rpg@polyu.edu.hk

https://www.polyu.edu.hk/sft

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SFT Academic Staff



SFT E-prospectus



https://polyu.hk/nISQD

This booklet was compiled in September 2024. © 2024 School of Fashion and Textiles The Hong Kong Polytechnic University

