



In Asia, for the World

Research and Postgraduate Studies
at Hong Kong Baptist University

About HKBU

Hong Kong Baptist University (HKBU) is one of Asia's finest institutions of higher education widely recognised for its distinctive education and quality research. Building on a caring, creative and global culture, HKBU prepares young people with the innovative impulse and creative thinking that the 21st century demands, and balances academic excellence with whole person development. With a strong Christian heritage and solid foundation, HKBU is committed to advancing knowledge, scholarship and academic leadership in Asia, for the world.

HKBU encompasses seven Faculties/Schools offering a range of taught postgraduate programmes and research postgraduate programmes leading to the award of master's and doctoral degrees. Our programmes emphasise a global perspective, the development of critical minds, and interactive and participatory learning.

Faculty of
Arts

School of
Business

School of
**Chinese
Medicine**

School of
Communication

Faculty of
Science

Faculty of
**Social
Sciences**

Academy of
Visual Arts



Prof Rick WONG
Vice-President (Research
& Development) cum
Dean of Graduate School

“ HKBU prides itself on its dual focus on teaching and research and encourages service to society among its staff and students. We provide scholars and students with a remarkable research and learning environment with different forms of collaborative arrangements both within and outside the University, substantial funding opportunities, learning and teaching resources, and a team of dynamic staff committed to excellence. ”



WE



Solve **Problems** for and with society.



Offer an open environment where **Sky is the Limit.**



Think **Global**, and think **Ahead.**



Are bestowed **Numerous Honours**; won an array of international, regional and local awards.



Produce **World Class Research** that improves people's lives.



Emphasise **Integrity**, **Creativity**, **Communication** and **Commitment** to the common good of humankind.

Scan the QR codes to view the videos about the research strengths and research postgraduate studies at HKBU



Innovate to Impact -
Research at HKBU



Research Postgraduate
Studies at HKBU



Research Excellence

HKBU is a research-led liberal arts university. We place strong emphasis on the importance of impact, collaboration, inter-disciplinarity and innovation. Our ground-breaking research offers solutions to real-world problems and brings impacts to our society and beyond.

We are also committed to connecting our research with teaching: research keeps teaching alive, and teaching gives research a voice and a platform for application. Integrating these two important roles, the University will continue to thrive by making contributions to different communities at the local and international levels.

Encompassing HKBU's research strengths, the University has formed institutional research clusters in three key areas to underpin interdisciplinary research and theme-based research, for promoting research excellence, knowledge/technology transfer and impact:



Creative Media and Practice

Film, graphics, literary arts, music, visual/media arts

Health, and Drug Discovery

Chinese medicine, chemistry, microbiology, aging, physical education



Data Analytics and Artificial Intelligence

In applications such as data-journalism, data-healthcare and data-literature



Creative Media and Practice

The Research Cluster “Creative Media and Practice” aims to invent the future of visual arts, music, screen arts and storytelling and to explore how art and culture can transform society in substantial and positive ways. It exemplifies HKBU’s commitment to create the best conditions for generating groundbreaking research, transmitting new knowledge through teaching and translating research findings into practical use for the society through knowledge transfer. The research findings will be widely shared and disseminated through publications, performances, installations, exhibitions, films and documentary screenings, and educational programmes.

ABOUT

IMPACT

Our mission is to capture and expand the value of academic research by increasing its impact through knowledge sharing and research commercialisation. We expand the impact and reach of our research by building partnerships with the private and public sectors and engaging in cross-disciplinary intervention. We aspire to make demonstrable contributions to the economy, society, culture, public policy through knowledge exchange activities with businesses and governments both locally, and internationally.

- Sustainability Development
- Intangible Cultural Heritage Preservation and Promotion
- Social Opera for Reimagining Aging

PROJECTS



Health, and Drug Discovery

The Research Cluster “Health and Drug Discovery - Chinese Medicine-inspired Translational Research” addresses the grand challenges of aging diseases from a global perspective. We incorporate frontier sciences in the therapeutic wisdom of Chinese medicine for treatment, prevention, and recovery of neurodegenerative and joint-bone diseases through three defined research themes: (a) technological advancement, (b) disease modeling, and (c) healthy active living. A multidisciplinary approach using integrated analysis in phenomics, chemical biology, and therapeutic has been instigated.

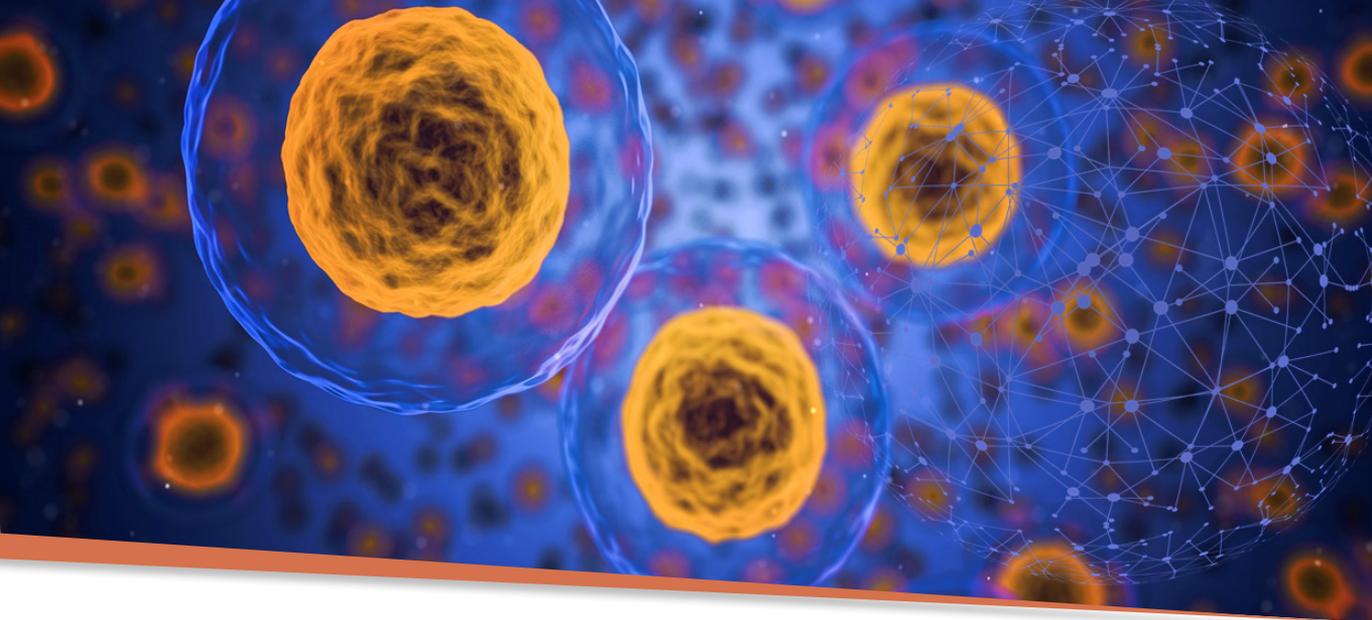
ABOUT

IMPACT

Through an integrated and novel strategy in therapeutic and integrated analysis in healthy living, our leadership role is strengthened in respect of Chinese medicine-based drug screening, smart-drug delivery and molecular imaging for higher efficacy in treatment of these diseases. With our excellent research credentials, and the intelligible and synergistic research agenda, we commit to improving the health and wellbeing of the people, ultimately improving the economic prosperity of a society.

- An Unrecognised Crosstalk from Skeletal Muscle to Bone: The Role of Skeletal Muscle-derived Exosomal MicroRNAs in Regulating Osteoblastic Bone Formation during Mechanical Unloading-induced Muscle Atrophy
- New Drug Discovery for Aging-associated Neurodegenerative Disorders-Parkinson’s Disease

PROJECTS



Data Analytics and Artificial Intelligence

The Research Cluster “Data Analytics and Artificial Intelligence” aims to solve non-trivial real-world problems in domains such as data-journalism, data-healthcare, data-literature and digital humanities using robust, safe and advanced artificial intelligence algorithms. We conduct high-impact interdisciplinary research, and focus on three themes, namely Chinese medicine and healthcare, social communications and digital media, and geoinformatics and environment.

ABOUT

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We provide a new platform for hosting colleagues from different faculties and schools with a view to facilitating new artificial intelligence enabled applications in the selected areas of medicine, digital media communications and smart city.

- Detecting the Tipping Points from Inflammation to Tumorigenesis Using a Multi-level Network Modeling Approach
- Exploratory Energy Study of the Smart Grid and Smart City
- Incivility Analysis for Social Networking Sites
- Large-scale traditional Chinese medicine electronic patient record analysis

PROJECTS





Faculty of Arts

Local commitment, global reach

The Faculty of Arts is a faculty for creativity – creating a rich cultural environment to stimulate students’ imagination, to develop their sensitivity, and to contribute to society through art and culture. We are a diverse and inclusive community with a global outlook and a long tradition of local engagement for the public good. Structurally, the Faculty has six academic departments/programme and a Language Centre. Four research centres and two research institutes play a prominent role in our pursuit of research excellence. Areas of significant research strength include Classical Chinese, Creative Writing, Translation, and Music.

Departments/Programme

Chinese
Language and
Literature

English
Language and
Literature

Humanities
and Creative
Writing

Music

Religion and
Philosophy

Translation



Prof Mette HJORT
Dean of Arts

“ At the very heart of the Faculty’s many endeavours is a firm commitment to academic excellence and social responsibility. Featuring creative practice, interdisciplinary and experiential learning, and global engagement, our liberal arts programmes foreground the transformative value of art and culture. The Faculty’s research is especially strong in areas relating to well-being, value, and the public good, including, for example, Performance Studies and Chinese and Cross-cultural Health Humanities. We offer our students and researchers a vibrant intellectual and cross-cultural environment by bringing together prominent international scholars, writers, and composers. The Faculty of Arts plays a central role in the University’s interdisciplinary Creative Media and Practice cluster. ”



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School of Business

Creating a better business community

The School of Business is among the 1% of business schools worldwide with triple accreditation from the leading global accreditation bodies, AACSB, AMBA and EQUIS. As a true pioneer in business education, we are dedicated to nurturing ethical leaders with global vision. With eight concentrations within the BBA and 12 postgraduate programmes, including two joint master's degree programmes in partnership with top universities in the UK and France, HKBU School of Business is the ideal platform for future leaders to explore, discover, research, and create.

“ Located at the crossroads between the emerging countries of Asia and the West, the School of Business is ideally situated to confront the changes impacting our world, be it the economic resurgence of China, the deepening impact of globalisation or the need for new ethical standards as we strive for sustainability and accountability. Through constant innovation built upon a foundation of academic excellence and intellectual integrity, we seek to inspire and challenge our students to unearth their better selves and to build a better world. ”



Prof Ed SNAPE
Dean of Business

Departments

Accountancy
and Law

Economics

Finance and
Decision
Sciences

Management

Marketing



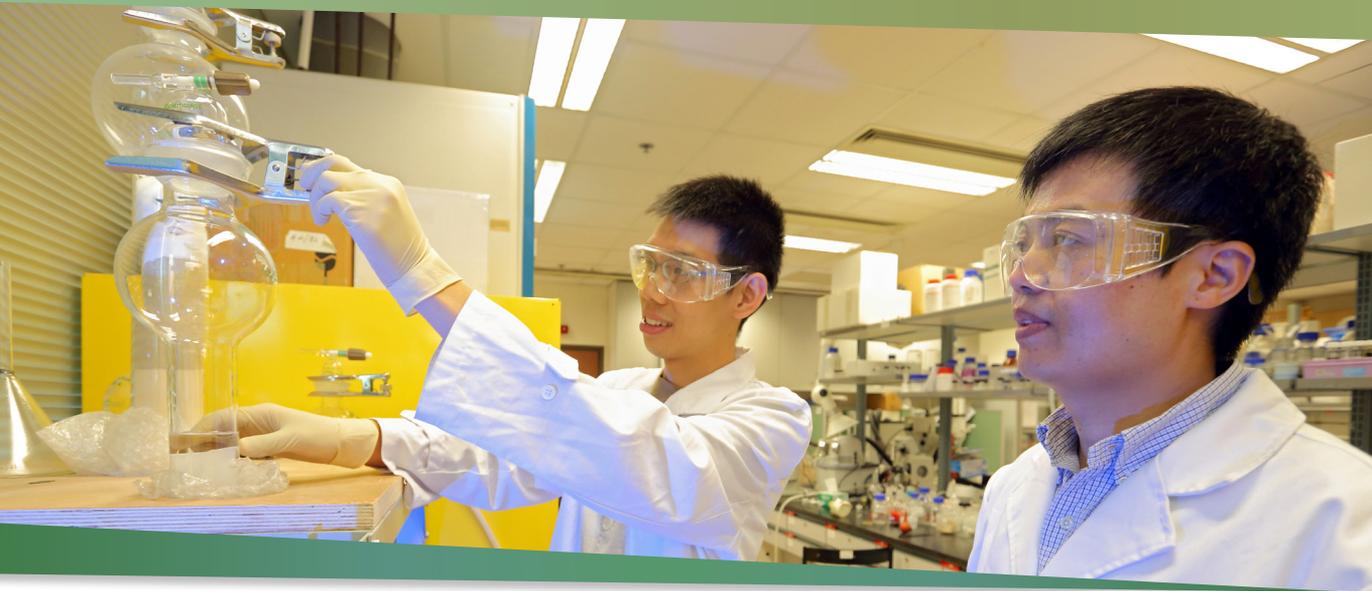
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School of Chinese Medicine

A catalyst for innovation in Chinese medicine

A pioneer and a leader in Chinese medicine education, research and healthcare in the tertiary education sector in Hong Kong, the School of Chinese Medicine offers the most comprehensive academic and professional programmes in town for those who aspire to carve a successful career in Chinese medicine. It also boasts a world-class research team devoted to impactful and translational research, and an extensive network of clinical and health management centres highly revered for its expert medical team.

“ The School of Chinese Medicine values both inheritance and innovation, and makes full use of modern technologies to foster the innovative development of Chinese medicine. After two decades of hard work, the School has established itself as the leading institution in Chinese medicine in Hong Kong, exuding strength and excellence in education, research, clinical service and knowledge transfer. We are proud to have nurtured a myriad of Chinese medicine professionals and research talents who are now part of the regional and global efforts to expedite the development, standardisation, modernisation and internationalisation of Chinese medicine. ”



HKBU is the only higher education institution from outside of Mainland to conduct a scientific research project onboard China's first cargo spacecraft, Tianzhou-1.



Prof LYU Aiping
Dean of
Chinese Medicine



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School of Communication

Breeding diverse perspectives for the global academic community

The School of Communication is a place for continuous intellectual enlightenment and professional advancement. We conduct research in three main areas: the Academy of Film specialises in Asian cinema, past and present; the Department of Journalism focuses on changes and continuities in media industries in the digital age; and the Department of Communication Studies emphasises health issues from advertising, public relations and organisation communication angles.



Prof HUANG Yu
Dean of Communication

“ The School of Communication prides itself on a vigorous doctoral programme that grounds students in depth understanding of theory and methodology geared towards the production of original intellectual work and contribution to knowledge. Our programmes cultivate the critical mind and stimulate the creative spirit. To inspire students to grasp global trends, all students are given subsidies to spend a semester in an overseas university to gain exposure to diverse research perspectives and traditions. ”

Departments

Academy of Film

Communication
Studies

Journalism



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Faculty of Science

Innovation in education and frontier research

The Faculty of Science strives to play a key leading and innovative role in science and technological education. The Faculty advocates cross-disciplinary approaches in research focusing on environment and health, chemical biology, data analytics and artificial intelligence. We offer state-of-the-art research environment and exceptional opportunities for interdisciplinary ventures and collaboration, inspiring students to achieve challenging goals and academics to leverage professional networks in reaching their full academic potential.

Departments

Biology

Chemistry

Computer Science

Mathematics

Physics

“ Our focuses are to provide high quality teaching, and produce innovative scholarly works that excel and benefit our society. We pursue ground-breaking, high-impact and multi-disciplinary research, with the vision to identify and address grand challenges from global perspectives. ”



Prof ZHANG Jianhua
Dean of Science



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Faculty of Social Sciences

Inspiring success, building better societies

We are a values-oriented academic community researching smart societies. We focus on how the social dimensions transform societies and our planet. Drawing from diverse disciplinary expertise, we have particular strength in four areas of smart societies: Environmental and Urban Systems, Well-being, Populations, and Learning & Praxis.

Departments

Education
Studies

Geography

Government
and International
Studies

History

Sport and
Physical
Education

Social Work

Sociology

“ Our vibrant approach to smart societies is transdisciplinary: that is, it is problem-driven, process-oriented, and engaged. We are known as an innovative pioneer in such fields as social work, urban studies, China and global studies, the development of sports, healthy aging, and community service. Our region leading graduate-student organised annual conference on global social science inspires success in our own students who now pursue successful and rewarding global careers with, for example, the United Nations, Government of Kazakhstan... ”



Prof Adrian J BAILEY
Dean of Social Sciences



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Academy of Visual Arts

A leading international academy for professional learning in the visual arts

As the first professional and practice-based art academy in Hong Kong, the Academy of Visual Arts takes an inclusive and holistic approach to visual arts by offering interdisciplinary study and connectivity across a broad range of formats, media, approaches, concepts and methodologies. Committed to nurturing creative and professional talent of international renown, our studio-based curriculum is linked to international exchanges and current global developments in the fast-growing creative industries.



Prof Louis NIXON
Director of Visual Arts

“ We are the only art academy with the facilities and resources to teach glass art and bronze casting in Hong Kong. We focus on learning through creative practices, processes and materials and understanding the making of work within critical and historical contexts. Looking forward, we will focus on further investment in digital resources and new technologies to continue to support emergent practice and research and to complement our established production studios and facilities. ”

The Academy of Visual Arts was listed a **Top 100** art and design school in the QS World University Rankings in 2017

Niche Research Areas

- Contemporary Art
- Chinese Arts
- Design
- Public Art
- Body Aesthetics and Performance Art
- Hong Kong Art and Culture
- Interactive Media
- Time-based Media
- Visual and Material Culture
- Museum and Gallery Studies
- Curating



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HKBU teams win top awards at International Exhibition of Inventions of Geneva

Gold Medals, 46th International Exhibition of Inventions of Geneva

“Lead Detecting Device for Water” invented by Dr Ren Kangning, Assistant Professor, and Dr Edmond Ma, Associate Professor, of the Department of Chemistry

“Lip-password: Double Security System for Identity Authentication” invented by Professor Cheung Yiu-ming of the Department of Computer Science

“Medical Devices for Stem Cell Therapy” invented by Professor Ken Yung of the Department of Biology and Dr Jeffery Huang, Associate Professor of the Department of Physics

“Treatment for Irritable Bowel Syndrome (IBS) Diseases” invented by Professor Bian Zhaoxiang, Tsang Shiu Tim Endowed Chair of Chinese Medicine Clinical Studies of the School of Chinese Medicine

Gold Medals, 45th International Exhibition of Inventions of Geneva

“Fatigue Driving Detection and Alarm System” invented by Professor Cheung Yiu-ming of the Department of Computer Science

“Lanthanide Toolbox” developed by Professor Gary Wong of the Department of Chemistry

“Portable Gait Analyser Functional Flow Chart” and **“Portable Balance Scale”** invented by Professor Jeffrey Cheung, Visiting Professor of the Department of Physics

Grand Prix International Invention Award, Gold Medal and Special Award For The Invention, 44th International Exhibition of Inventions of Geneva

“Ultra-Hard Anti-scratch Cover for Touch Screen Devices” invented by the team led by Professor Cheah Kok-wai, Chair Professor of the Department of Physics and Dr. Elizabeth Law Endowed Chair in Advanced Materials

Gold Medals, 44th International Exhibition of Inventions of Geneva

“Autologous Neural Stem Cell Harvest Technologies” developed by the team led by Professor Ken Yung of the Department of Biology

“Laser Technology for Artwork and Antique Authentication” invented by the team led by Professor Cheung Nai-ho of the Department of Physics





Graduate School



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