



Interdisciplinary
RESEARCH

for a

**THRIVING
FUTURE**



“

Research excellence is linked to a transdisciplinary approach to problem-solving. It is through the fusion of our traditional disciplines and our advanced scientific and technological expertise that HKBU finds its distinct edge.

”



Prof LYU Aiping

Vice-President (Research and Development) cum Dean of Graduate School
Dr. Kennedy Y. H. Wong Endowed Professor in Chinese Medicine

“

We aspire to illuminate and elevate the brilliance of our HKBU researchers and their groundbreaking studies, and foster a dynamic and thriving research culture, both within the University and across the wider region.

”



Prof Christy MK CHEUNG

Director
Research Office

Chair Professor in Information Systems and Digital Innovation Management
Department of Management, Marketing and Information Systems,
School of Business



MEET OUR TEAM

VISION

To be a leading liberal arts University in Asia for the world delivering academic excellence in a caring, creative and global culture.



MISSION

HKBU is committed to academic excellence in teaching, research and service, and to the development of the whole person in all these endeavours built upon the heritage of Christian higher education.



Prof LYU Aiping

Vice-President
(Research and Development) cum
Dean of Graduate School



Prof Johnny M POON

Associate Vice-President
(Interdisciplinary Research)



Prof Christy MK CHEUNG

Director, Research Office



Prof CHEUNG King-ho

Executive Associate Dean,
Graduate School



Prof CHEUNG Yiu Ming

Dean, Institute for Research and
Continuing Education (IRACE)



HKBU'S RESEARCH EXCELLENCE AT A GLANCE

Research Output

2000+

Peer-reviewed Publications

62%

Journal Articles

6%

Scholarly Books, Monographs, Chapters

27%

Conference Papers

5%

Others



~80%

Articles in Quartile 1 (Q1)



200+

Highly Cited Papers (from each of the 10 database years)



~500

Project Collaborations



100+

Research Awards



\$2799

HKD Million Research Funding

1000+

Funded Projects



3800+

Institutions

130

from more than Countries/Regions in the past 10 years



50+

Research Centres



800+

Research Postgraduate Students across

26

Disciplines



INTERNATIONAL COLLABORATION NETWORK

3800+

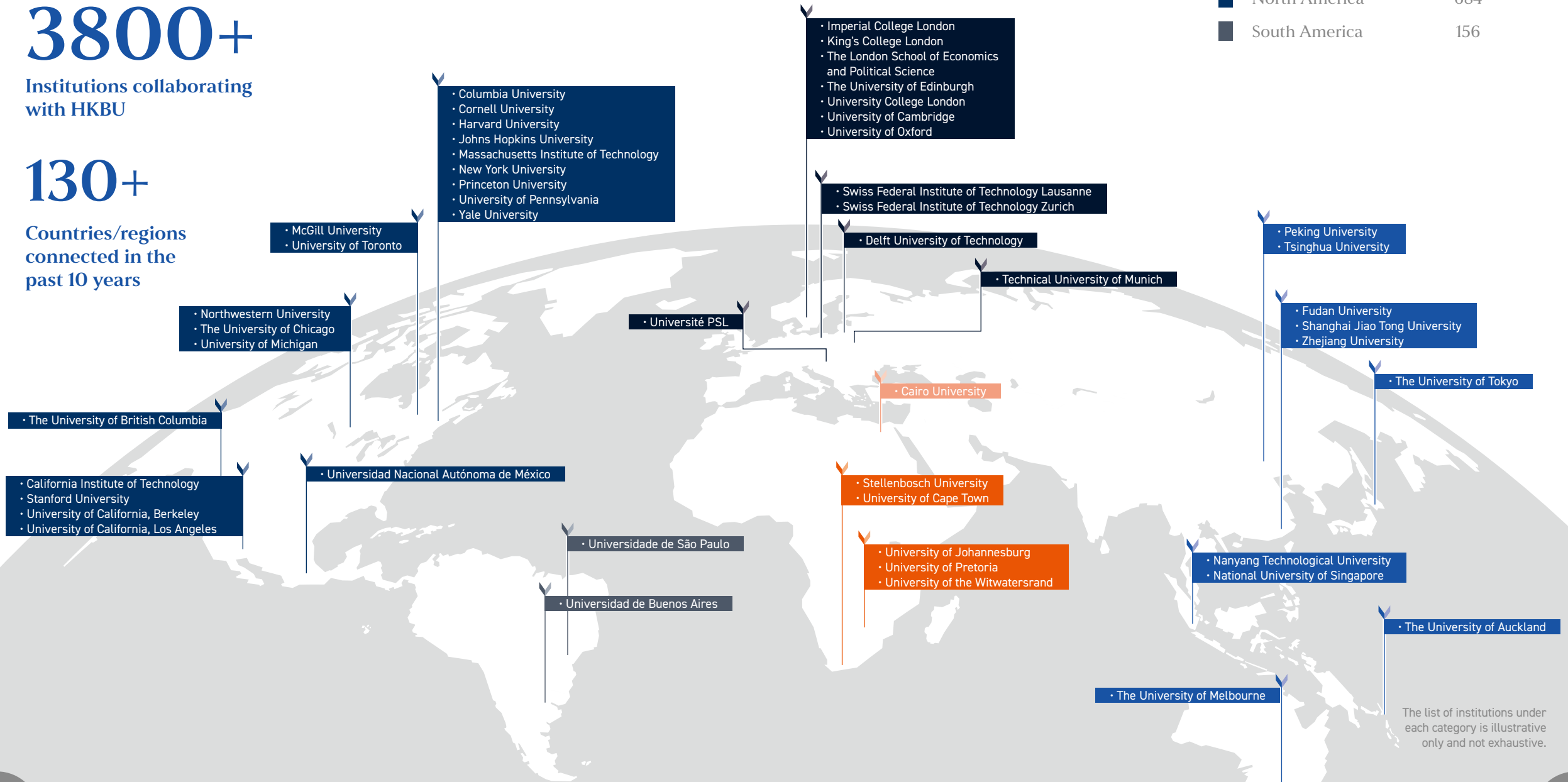
Institutions collaborating with HKBU

130+

Countries/regions connected in the past 10 years

REGION NO. OF COLLABORATING INSTITUTIONS

| | |
|---------------|------|
| Africa | 129 |
| Asia Pacific | 1608 |
| Europe | 1151 |
| Middle East | 154 |
| North America | 684 |
| South America | 156 |



The list of institutions under each category is illustrative only and not exhaustive.



FOUR RESEARCH CLUSTERS

Hong Kong Baptist University (HKBU), one of the top research-led liberal arts institutions in Asia, takes pride in its rich heritage and commitment to research excellence. With a foundation rooted in a liberal arts philosophy and a global culture, we have evolved into a powerhouse in various fields.



83%

HKBU's research output originated from its four strategic clusters.

34%

Interdisciplinary collaborations within the clusters.

25%

Interdisciplinary research bridging the clusters and other key areas such as Business and Economics.



Creative Media and Practice

This cluster stands at the forefront of the arts and science nexus. Harnessing the power of science and technology, the pioneering research at HKBU is well-poised to offer a powerful interdisciplinary framework to describe the fluid complexity of human and AI creativity, and it aims to design and invent a model that can expand creative opportunities for broad and meaningful social impact and engagements.



Health and Drug Discovery

This cluster seeks to transform health and well-being. Researchers at HKBU break barriers by integrating cutting-edge sciences, like Chinese medicine philosophy, chemical biology, data analytics, and environmental, physical & social sciences. Aiming to revolutionise preventive measures, diagnosis, and therapeutic treatments for human diseases, HKBU is ready for an exhilarating journey to enhance health, ignite prosperity, and change lives.



Data Analytics and Artificial Intelligence

This cluster 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. Researchers at HKBU conduct high-impact interdisciplinary research, and focus on three themes: Chinese medicine and healthcare, social communications and digital media, and geoinformatics and environment.



Humanities and Cultures

This cluster constitutes a vibrant epicentre of interdisciplinary scholarship, where arts, languages, philosophy, and social sciences converge to explore the rich tapestries of human experience and cultural expression. The strategic use of digital technology enhances HKBU's research capabilities. This multifaceted perspective broadens knowledge of different cultures and fosters an inclusive dialogue on global human legacies.





RESEARCH ENVIRONMENT



At HKBU, innovation thrives in our dynamic research events, a testament to our commitment to excellence and collaboration. These events collectively contribute to HKBU's reputation as a leading research institution, driving innovation and shaping the future of research.



Our diverse events are crafted to inspire transdisciplinary collaborations, nurture research culture and strengthen bonding. They provide a rich soil for ideas to mingle, fostering groundbreaking explorations and seamless integration of different fields. Through presentations, discussions, and networking opportunities, researchers establish meaningful connections, cultivate synergy, and push the boundaries of knowledge.



RESEARCH INFRASTRUCTURE

The University nurtures excellence through over 50 research centres and specialised hubs dedicated to neuroscience, life sciences, translational medicine, exercise science, and immersive art-tech. These facilities cultivate interdisciplinary innovation across all fields, including the arts, social sciences, business, Chinese medicine, and science. Check out the full list of research centres categorised by Faculty/School:



School of Chinese Medicine

- Chinese EQUATOR Centre
- Consun Chinese Medicines Research Centre for Renal Diseases
- Golden Meditech Centre for NeuroRegeneration Sciences
- HKBU & Infinitus Joint Laboratory for Polysaccharide Research
- HKBU Musketeers Foundation Traditional Chinese Medicine Research Institute for Age-related Diseases
- Hong Kong Traditional Chinese Medicine Phenome Research Centre
- Institute of Systems Medicine and Health Sciences
- Law Sau Fai Institute for Advancing Translational Medicine in Bone and Joint Diseases
- Mr. & Mrs. Ko Chi Ming Centre for Parkinson's Disease Research
- Research Centre for Herb Polysaccharides and Intestinal Immunology
- Research Centre for Standardization of Chinese Medicines
- Shum Yiu Foon Shum Bik Chuen Memorial Centre for Cancer and Inflammation Research
- Vincent V.C. Woo Chinese Medicine Clinical Research Institute



School of Communication

- AI Media Centre
- Centre for Media and Communication Research



School of Creative Arts

- Centre for Film and Moving Image Research



Faculty of Science

- Beijing-HK-Singapore Joint Centre for Nonlinear and Complex Systems
- Centre for Health Informatics
- Centre for Mathematical Foundations of Artificial Intelligence
- Centre for Nonlinear Studies
- Centre for Quantitative Systems Biology
- Croucher Institute for Environmental Sciences
- High Performance Cluster Computing Centre
- HKBU-RCEES Joint Institute of Environmental Sciences
- Institute of Advanced Materials
- Institute of Computational and Theoretical Studies
- Peking U - HKBU Joint Research Institute for Applied Mathematics
- Research and Development Centre for Natural Health Products
- Research Centre of Excellence for Organic Electronics
- Sino-Forest Applied Research Centre for Pearl River Delta Environment
- Statistics Research and Consultancy Centre



Central Research Facilities

- Advanced Life Sciences and Mass Spectrometry Laboratory
- Frontier Translational Medical Research Institute
- Life Science Imaging Centre
- Motion Capture and Visualization Laboratory
- Research Centre for Exercise Science and Medicine
- Visualization Research Centre



Faculty of Arts and Social Sciences

- Asian Energy Studies Centre
- Centre for Applied Ethics
- Centre for China Urban and Regional Studies
- Centre for Chinese Cultural Heritage
- Centre for Health and Exercise Science Research
- Centre for Sino-Christian Studies
- Centre for Translation
- Comparative Governance and Policy Research Centre
- David Lam Institute for East-West Studies
- Dr Stephen Hui Research Centre for Physical Recreation and Wellness
- Life Course Development Research Institute
- Modern History Research Centre
- Mr. Simon Suen and Mrs. Mary Suen Sino-Humanitas Institute
- The Jao Tsung-I Academy of Sinology



School of Business

- Centre for Business Analytics and the Digital Economy
- Centre for Corporate Governance and Financial Policy
- Centre for Human Resources Strategy and Development
- Centre for Sustainable Development Studies

Connect with us



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HKBU Research



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