

SHANGHAI JIAO TONG UNIVERSITY

Global Implementation Science Centre(GISC)

A Strategic Framework:Translating Cutting-Edge Medical Science and Innovative Health Technologies
into Scaleable Public Policies

GLSC Core Identity

Our Vision

To be an internationally preeminent center of implementation science excellence, driving the integration of transformative healthcare technologies, closing clinical practice disparities, and shaping robust, equitable health policies globally.

Our Mission

To deliver evidence-based, contextually responsive solutions by translating health technologies into primary care, maternal-child health, disease control, and turning research evidence into national and global policies.

Strategic Base: Shanghai

A Bridge Linking East and West

- **Global Connector:** Serves as a dynamic interface connecting China's healthcare delivery reforms with pioneering international research.
- **National Policy Alignment:** Connected directly to Shanghai's 15th Five-Year Plan (aiming to establish a world-class medical innovation hub) and the national "Healthy China 2030" blueprint.
- **Academic Integration:** Powered by Shanghai Jiao Tong University's prestigious scientific ecosystem and multidisciplinary medical-engineering heritage.



Translating Future Tech

Smart Medical Integration

Rapid advances in wearable monitoring devices, point-of-care tools, and artificial intelligence diagnostics and decision making support tools often stall at the pilot phase.

GISC builds rigorous clinical pathways to successfully embed these digital health innovations directly into routine, real-world healthcare delivery models.



Target Arenas of Action



Primary Care

Empowering community clinics and family doctors through digitized decision-support systems, AI triage, and standardized service pathways to reduce the tertiary burden.



Disease Control

Accelerating the translation of diagnostic testing protocols and digital contact mechanisms to control major epidemics, non communicable disease (NCD), antimicrobial resistance, and tuberculosis.



Maternal & Child Health

Implementing targeted early child development programs, and specialized community interventions to safeguard high-risk Mothers, children and infants.

Policy&Guidelines Translation



Clinical &Operational Guidelines

Co-developing practical,locally adapted clinical guidelines with clinical consortia to ensure high-tech interventions are accessible and easily adoptable by frontline staff.



National Health Policy Input

Formulating rigorous policy briefs to assist the National Health Commission of China in scaling digital healthcare initiatives across varied socio-economic provinces.



International Standards Alignment

Partnering with the World Health Organization ((WHO)and global bodies to output evidence and frameworks that shape universal standards for low-and middle-income countries (LMICs).

Governing&Leadership Structure



Steering Committee

Supreme Decision Body

The primary decision-making body of the Centre.Oversees high-level organizational policy,approves key strategic budgets, manages institutional alignment, and reviews systemic governance milestones.



Scientific Committee

Development Guidance

An elite advisory council comprised of top-tier international implementation science experts. Guides the developmental directions,validates study quality, and fosters overseas academic linkages.



Management Team

Executive Leadership

Led by **Co-Directors(Global &Domestic)**to seamlessly bridge operations,and executed directly by **Vice Directors** and the **Secretary General**.

Implementation Science Education



Specialized Courses

Setting up dedicated curriculum tracks on implementation research designs, hybrid trials, pragmatic studies, and evaluation methods in medical systems.



Flagship Degrees

Establishing native Master of Science (MSc) and PhD degree specializations in Implementation Science within the SJTU School of Medicine structure.



Cross-Dept Collaboration

Leveraging SJTU's "Big Public Health" cluster to co-develop joint educational programs with the School of Public Health, Biomedical Engineering, and clinical teaching hospitals.

5-Year Strategic Roadmap

Phase 2

EDUCATION & FUNDING

Build comprehensive implementation science courses, launch a flagship MSc degree program, and aggressively apply for research funds in Shanghai, China, and internationally.

Phase 1

SET UP THE CENTRE

Establish the foundational operational infrastructure, finalize key governing committee protocols.

Phase 3

WHO COLLABORATION

Become a designated WHO Collaborating Centre on implementation science, securing unmatched global prestige and transferring local learnings to international systems.