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China Medical Board

Health Policy and Systems Sciences

The China Medical Board (CMB) will support research, education and academic projects in health policy and systems sciences. What does CMB mean by health policy and systems sciences (HPS, 卫生政策与体系科学)?

All nations face a daunting array of old and emerging health problems. National health systems resemble complex machinery consisting of interconnecting components such as health planning and governance, financing and insurance, disease prevention and health promotion, health care service delivery, health workforce, medical technologies, and health information. A health system is a set of these interlocking components that must be shaped to produce effective, efficient, and equitable health care - preventive, promotive, and therapeutic. Studies in health policies and systems track health threats and examine how structures and operations affect the performance of health systems. Health policy and systems sciences integrates interdisciplinary knowledge from various fields that include clinical medicine and public health, ethics and politics, economics and political sciences, and evaluation methods combined with modeling and organizational theory. The challenge for this interdisciplinary work is to integrate and apply the knowledge, methods, and tools to improving health policies and systems performance.

CMB will prioritize projects that will generate knowledge, advance education, and/or lead to innovative applications in the following four areas:

Changing health problems and disease burdens

演变中的健康问题与疾病负担

Health metrics for mapping changing disease patterns, their causes and consequences

Fields of study related to this area may include (but are not limited to):

- Epidemiology (especially in cancer, CHD, and diabetes given the disease pattern change in China) – risk factors, disease prevalence, trend, etc.
- Biostatistics
- Disease Surveillance
- Mental, Nutritional and Environmental Health
- Health Metrics and Burden of Diseases

Health policies in finance, human resources, information, or technologies

与卫生费用投入、医疗保险、人力资源、信息技术和医疗科技有关的政策研究

Public policies that shape the key components of (or the whole of) the health system

Fields of study related to this area may include (but are not limited to):

- Health Policy and Political Analysis
- Health System Research
- Health Economics (including pharmaceutical economics)
- Healthcare Financing (include payment system design)
- Healthcare Regulation (e.g. on health products and equipment, health care technology, license and conduct of health workers, market, etc)
- Health Human Resources
- Health Inequality and Social Policy/Protection
- Decision Analysis for Health Policy and Interventions (such as cost-benefit/cost-effectiveness analysis)

Innovations in health systems operations and management

与卫生体系运营和管理相关的创新与实践

Operational, managerial, or implementation innovations in improving health systems performance

Fields of study related to this area may include (but are not limited to):

- Health Delivery System Design
- Hospital Operation and Management
- Health IT and Informatics
- Healthcare Quality Measurement and Management
- Public Health Education and Promotion
- Public and Private Partnership and Community-based Participatory Approach for Health Service Organization and Delivery
- Long-term Care

China and global health

中国与全球卫生

Studies and education that connect China to a globalizing health world in disease patterns, health policies and health systems

Fields of study related to this area may include (but are not limited to):

- Demography
- Population Health: China and the World (Trend, Challenges and Opportunities)
- Global Health and Health Foreign Policy
- Health Crisis Management and Emergency Preparedness
- Ethics of Public Health

Note: the fields of study related to each area are intended merely as examples; other fields of study could also be appropriate.