# **China Medical Board**

AN INDEPENDENT AMERICAN FOUNDATION FOR ADVANCING HEALTH IN CHINA AND ASIA

## **BIENNIAL REPORT 2012–2014**



A golden "learning tree," pictured on the cover and above, was the centerpiece of the CMB centenary reception in Bangkok, offering guests an opportunity to express their wishes for the future of CMB's work in Asia.



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#### FROM THE BOARD CHAIR AND PRESIDENT

### CMB's Second Century



With this biennial report 2012-2014, CMB will turn a page and enter its second century of work.

Neither China nor Asia are the same today as when CMB was founded. In 1914, life expectancy in China was only 35 years when the Rockefeller Foundation created CMB to introduce modern scientific medicine to benefit the Chinese people. CMB established the Peking Union Medical College, which remains one of China's premier medical schools today. Over the course of a century, CMB has worked with more than 100 medical schools throughout Asia, investing more than \$1.5 billion to build academic capacity.

In its second century, CMB will continue to support the linkage of knowledge to good health. Based on wide-ranging consultations with partners, the challenge is less how to import Western knowledge into Asia and more how all globally can share knowledge and how Asia itself can pioneer innovations for the 21st century. How can CMB facilitate the multidirectional flow of knowledge? Our philanthropy can offer financial, intellectual, and social resources to support this collaboration and innovation.

CMB remains steadfast in its mission to advance health equity in China and Southeast Asia, and our programs rest securely on that vision. Our work with Chinese and Asian medical universities keeps faith with a long tradition of commitment to medical education and promotes innovations in learning. Our program on health policy and systems sciences aims to strengthen the evidence base to guide health care policies and systems. Such work depends on improved coordination between the education of health professionals and the needs of national health care systems.

To meet the challenges of a new era and to stretch limited budgets, CMB will shift from a grant-making foundation to a direct operating foundation, allowing it to harness social and intellectual capital to augment its financial resources. A key instrumentality of direct operations will be CMB networking of Asian leaders, international specialists, educational institutions, and philanthropies.

We are already deploying the tools of networking. Our multiyear collaboration with the Commission on the Education of Health Professionals for the 21st Century engaged Asian educators and policymakers in an international dialogue on ways to reform the training of doctors, nurses, and allied health professionals. We are probing the frontiers of innovations in competency-based, team-oriented, ITaccelerated learning-and with our support, four of China's top medical schools have produced Chineselanguage massive open online courses (MOOCs) in public health. We are supporting global health cooperation, with two recent CMB-Lancet series on China and Southeast Asia connecting the knowledge and insights of Asian scholars to their international peers. All of these examples are helped by greater collaboration across institutions, disciplines, and borders.

Our efforts spring from the seed planted by the Rockefeller family in 1914-the desire to use philanthropy to improve health. That mission has engaged many hands over the course of CMB's history. Now CMB will join hands with today's Asian leaders, policymakers, educators, and medical professionals to continue to promote equity in health for all.

Mary Bullock, Chair

Lincoln Chen, President

Mary Brown Bullock Lynioh Chen

## A Century of Health Progress: 1914–2014



THE MISSION OF CHINA MEDICAL BOARD is to advance health, equity, and the quality of care in China and Southeast Asia. Working in a spirit of partnership at the forefront of strategic philanthropy, CMB strives to build capacity that fosters innovation in professional education, policy research, and global health in an interdependent world.

his mission traces its roots to the early years of the 20th century, when breakthroughs in science were opening a new era of sciencebased medicine and Abraham Flexner's path-breaking report was beginning to transform modern medical education. John D. Rockefeller, Sr., the richest man of his generation, was channeling his vast wealth toward philanthropic endeavors through the newly created

Rockefeller Foundation. The China Medical Board was the second and perhaps largest-ever program of the Rockefeller Foundation, becoming independently endowed in 1928. Those early decades found China at a crossroads, as the collapse of the Qing Dynasty gave way to the beginning of the New Republic and major efforts at modernization were poised to improve the health of the country called "the sick man of Asia."

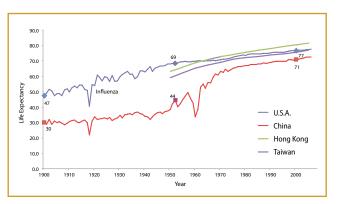


The Rockefeller philanthropic vision took concrete form in its establishment of a world-class medical school and hospital in China. In 1914, the Rockefeller Foundation established CMB to operate Peking Union Medical College and facilitate the introduction of Western medical science into China. The knowledge generated through PUMC helped usher in a revolution in the understanding and practice of medicine in China, which catalyzed dramatic health progress over the course of a century. The people of China experienced a doubling of life expectancy in the 20th century, an unprecedented human achievement.

Political change in China interrupted CMB's work for three decades and prompted CMB expansion to other Asian countries—first to Japan and Korea, and ultimately 16 countries in Asia. CMB aimed to meet Asia's need for trained medical personnel by creating centers of excellence in China in 1981, and since then it has continued its work primarily in the Mekong region of Southeast Asia. In China, CMB broadened its work from a single medical college to partnerships with two dozen universities throughout the country.

Over the course of a century, CMB has provided

#### Life Expectancy: China and USA, 1900–2000



Gains in life expectancy — from 30 years in 1900 to 71 in 2000 — represent one of China's greatest successes in the 20th century.

(Source: Lincoln Chen and Chen Ling. "China's Exceptional Health Transitions" in Bridie Andrews and Mary Brown Bullock, eds. *Medical Transitions in Twentieth Century China*. Indiana University Press, 2014.)

US\$1.5 billion to more than 100 medical universities, supporting young and senior fellows and funding innovations in research and education. Virtually all of the premier medical universities in Asia have been funded in some way by CMB, including many schools focusing on rural health in remote regions. Innovation has been a hallmark of CMB's work in

#### **A Century of Philanthropy**



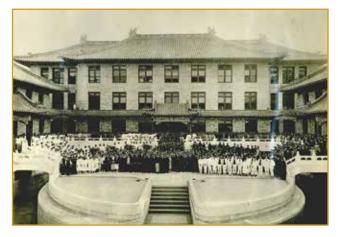
**1914–1950** CMB supports the development of Peking Union Medical College



**1951–1980** CMB leaves mainland China and extends its work throughout Asia



**1981–2014** CMB returns to China and continues its work in neighboring Asian countries



Faculty, staff, and students of Peking Union Medical College (1921).

Asia, extending from research innovations such as the isolation of ephedrine, discovery of Peking Man, and the first model of rural primary health care deploying "barefoot doctors" to educational innovations like the introduction and dissemination of science-based education in universities, problem-based and standardized patient learning, global minimal educational requirements, and IT-accelerated learning.

CMB confronts a new set of challenges as it embarks on its second century of harnessing knowledge for good health: How well are health professionals in China and Asia preparing for a new set of threats, like aging populations, noncommunicable diseases, and disability? How will decisions made in one country affect the health of its neighbors? How can much-needed reforms in the delivery of health services and health professional education support each other? Can new technologies provide the tools and momentum that place learners at the center of education?

History informs CMB as it sets a second-century strategy to help health professionals craft relevant, effective, and cutting-edge responses to these questions. Long-standing relationships with medical universities in China and Southeast Asia form the core of CMB's work. They provide CMB with partners to develop new tools for faculty development and teaching. They enhance CMB's convening

#### Building Evidence for Strengthening Health Policy and Systems Sciences

In 2007, CMB launched a program to build capacity in key Chinese medical universities in the Health Policy and Systems Sciences (HPSS)—a term that describes innovative approaches to studying health problems and the societal response of national health policies and systems. CMB's HPSS grant-making promotes multidisciplinary, academic engagement among the fields of medicine, nursing, public health, business, and the social sciences.

The strength of HPSS is its integrative framework; its challenge is to build bridges among practitioners of diverse specialties. The nature of China's 21st-century health concerns—whether non-communicable disease, maternal health, obesity, mental health, among others—underscores the importance of this capacity. No single discipline can identify all the causes and dynamics of these concerns, chart the best courses of action, or evaluate impact. How can health systems be improved? What is working? What needs to be improved? HPSS integrates the wealth of knowledge and experience that health professionals generate in clinics, laboratories, classrooms, communities, policy centers, and government agencies.

CMB has partnered with ten collaborating programs (CMB-CPs) at top-tier universities, building a network for excellence and mutual learning. Each CMB-CP is led by an outstanding academic in a specific HPSS subfield, such as health economics, medical ethics, policy translation, pharmaceutical policy, mental health policy, chronic diseases, and migrant health policy.



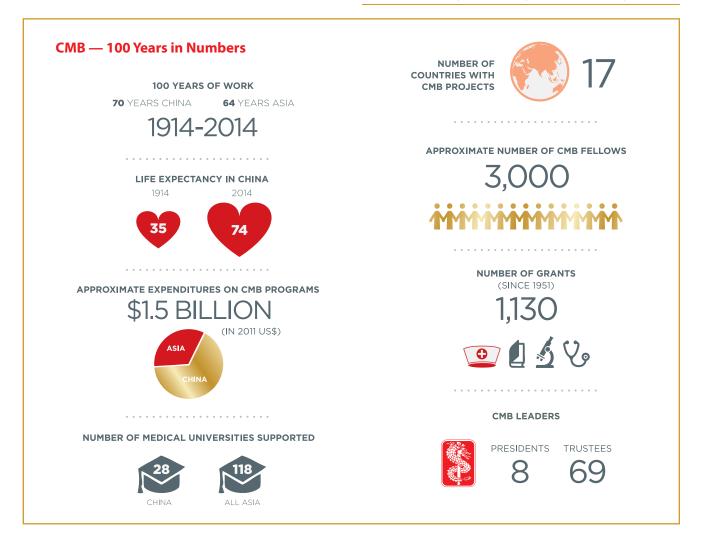
Discussions at an April 2013 conference focused on China's transitions in disease, disability, and demography.

power, engaging health and education leaders in interdisciplinary discussions and evidence-based approaches to finding solutions. These relationships also help CMB share the knowledge that Chinese and Southeast Asian researchers are producing with global health communities throughout the world.

The field of philanthropy has demonstrated, through many examples, that innovative work can be accomplished when small yet agile resources are applied wisely and opportunistically. CMB underscores that spirit as it reflects on the lessons of a century of health progress and opens the door to a new, second-century strategy.



CMB staff and colleagues welcome guests to a celebratory reception.



## Giving Thanks for a Century of Partnerships Bangkok — January 27, 2014



MB's accomplishments over the past 100 years rest on a network of trusting relationships with medical universities across Asia, and so CMB trustees and staff opened the centennial year celebration by giving thanks for a century of partnerships. At the January 27 anniversary dinner in Bangkok, CMB welcomed colleagues and guests from Asian partner universities in Thailand, Cambodia, China, Hong Kong, Indonesia, Japan, Korea, Laos, Malaysia, Myanmar, the Philippines, Singapore, Taiwan, and Vietnam, as well as European and African countries.

CMB's partnerships with Thai institutions offer one illustration of how collaborations can harness the power of knowledge for good health. Anniversary event co-chair Professor Charas Suwanwela of Chulalongkorn University referenced CMB's support for the 1956 Thai Medical Education Conference, a



CMB Trustee Harvey Fineberg with Richard Horton, Editorin-Chief of The Lancet.

Facing page photos, clockwise from top left: CMB trustees and spouses, staff, and special guests with HRH Princess Maha Chakri Sirindhorn of Thailand at a royal luncheon; 100th Anniversary dinner Thai organizing committee co-chairs Charas Suwanwela and Wichit Srisuphan; liaison officers from CMB partner institutions; a "learning tree" with wishes for CMB's future; Lincoln Chen at 2014 Prince Mahidol Award Conference.

#### Partner and Pioneer: Faculty of Medicine, Siriraj Hospital



In many respects, the Faculty of Medicine at Siriraj Hospital in Bangkok has been a "twin" to CMB's experience with PUMC in

China. The medical school, established in 1890, two years after King Rama V opened Siriraj Hospital, was designed to introduce modern medicine into Thailand. Like PUMC, it pioneered the Flexner curriculum, which set new, higher standards for medical education based on scientific knowledge, research training, and clinical instruction.

A 1956 grant to Siriraj marked the opening of a new chapter in CMB's efforts to strengthen the health of Asian people. CMB found itself at a crossroads in the 1950s as its exit from China prompted consideration of a broader Asia strategy and new tools to achieve its goals. Dr. Harold Loucks, its director, believed CMB had the potential to strengthen the research culture in Asian medical schools and advocated that research grants be directed to select institutions. The Faculty of Medicine at Siriraj Hospital in Thailand became the first recipient of a CMB research program grant. Control of *Opisthorchis viverrini*, a parasite of the liver, was of paramount importance to Thailand, and the \$5,000 grant would enable Siriraj researchers to study its life cycle and pathogenesis.

CMB support for Thailand's first medical education conference, held at Siriraj in 1956, marked another milestone. With only 280 medical graduates per year, conference participants recognized an urgent need for more medical schools in the country. Siriraj continues to be an innovative partner to CMB. It serves as the secretariat for the 5-C Network, a five-country regional collaboration to share ideas on the future of health professional education. It hosts the annual Prince Mahidol Award Conference, an international forum for sharing evidence for health-related policies. And it readily shares its academic strengths with others: CMB's most recent grant to Siriraj supports master's degree training in biomedicine and public health for 15 faculty members from Myanmar medical universities.

#### **BANGKOK...A CENTURY OF PARTNERSHIPS**

milestone event in modernizing medical education in his country; co-chair Professor Wichit Srisuphan of the Thai Nursing Council recalled how a CMB fellowship supported four years of her nursing education.

"This event does not just remember the past but points to the future," CMB President Lincoln Chen said in his remarks. As guests arrived at the reception, they signed and attached a gold leaf to a learning tree, writing a message of hope for the future of CMB's work in Asia. Later in the evening, key guests shared their stories of CMB and a future vision of health professional education; among those who offered reflections were Zeng Yixin and Zhu Chouwen of China, Keizo Takemi of Japan, Bong-Min Yang of

#### **CMB PRIORITY: RESEARCH**

From its earliest days in China to its present program in Asia, CMB has emphasized modern scientific research in support of medicine and health. Asia in its ascendency seeks worldclass quality, and CMB creates pathways that connect Asia's researchers to excellence and their international counterparts, bringing knowledge of Asian health conditions to a global audience and new perspectives on responding to health challenges to Asia. During his tenure (1988-1997), CMB President Bill Sawyer recognized the importance of building institutional strength for research and directed CMB grant-making toward building the scientific research capacity of eight Chinese national medical schools. More recently, CMB's Open Competition helps build the expertise of a new generation of Asian researchers through small grants that enable junior faculty to implement research projects of their own design. CMB support also helps create connections among researchers, within Asia and globally, through special focus issues of The Lancet and the annual Westlake Forum, its signature event for HPS researchers.

## The PUMC Campus: Preserving the Ancient but Modernizing the New



Rockefeller Foundation via the CMB was clear in its goal for Peking Union Medical College: to introduce modern, Western medical

science to Chinese medical students and professionals. That blend of Chinese and Western interests, and of intellectual, cultural, and physical goals, became an integral part of the planning and design of the PUMC campus. As Rockefeller Foundation Trustee Simon Flexner said, "All the buildings—hospital, dispensary, laboratories, dormitories, and residences—should bear relation to the country in which they are located, as well as to uses to which they are to be put." The goals his brother Abraham articulated for medical education also would find their place in the physical design, employing the campus to creatively engage the intellect in teaching, learning, practice, and even residential life.

The Rockefeller Foundation envisioned refurbishing traditional buildings, like the Prince Yu Palace, and constructing new ones. Charles Coolidge, the architect who designed buildings at Harvard Medical School and the Rockefeller University, provided ideas during an early consultation, though the Foundation ultimately chose the firm of Shattuck & Hussey, which had offices in both the United States and Beijing. On September 24, 1917, the cornerstone of the anatomy building was laid and construction was officially underway.

The Foundation's 1917 Annual Report described its plans: "While the buildings will embody all the approved features of a modern medical center, the external forms have been planned in harmony with the best tradition of Chinese architecture. Thus they symbolize the purpose to make the College not something foreign to China's best ideals and aspirations, but an organism which will become part of a developing Chinese civilization."

Today, surrounded by the skyscrapers of modern Beijing, PUMC continues to manifest those early goals of blending Chinese and global influences. In September 2014, the China Medical Board conducted part of its centennial celebration in the PUMC campus that has blended both the old and new.



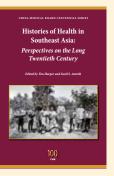
CMB Trustee Wendy O'Neill welcomed guests to the Bangkok reception.

Korea, Manuel Dayrit of the Philippines, Richard Horton and William Summerskill of *The Lancet*, Le Nhan Phuong of Vietnam, Khin Tar Tar of Myanmar, Wipada Kunaviktikul of Thailand, Julio Frenk of Harvard, Ariel Pablos-Mendez of USAID, and many others. Finally, students preparing for health professions—the ultimate

focus for so much of CMB's work—shared their goals for the future of health in Asia.

CMB's commitment to partnerships in Southeast Asia remains strong, as underscored by its recent grants in support of public health training and fieldwork, building research capacity in epidemiology, and nursing fellowships.

### CMB Centennial Volume: Histories of Health in Southeast Asia



Health patterns in Southeast Asia have changed profoundly over the past century, and so have the medical connections between Southeast Asia, China, and international institutions. In *Histories of Health in Southeast Asia: Perspectives on the Long Twentieth Century,* scholars examine the history of public health in Southeast Asia

and the sites of interaction and exchange in which ideas about medicine and health were transformed. Scholars from a diverse array of countries, including Indonesia, Malaysia, the Philippines, Singapore, Thailand, India, the United Kingdom, Australia, and the United States, contributed essays for this volume.



The theme of the 2014 Prince Mahidol Award Conference—Transformative Learning for Health Equity—is a priority for CMB's grantmaking in health professional education.

## Medical Education in East Asia: Past & Future Seoul—April 11–12, 2014



MB's grant-making now centers on China and five Southeast Asian countries, but over the course of its history, its support has extended to 10 other countries and regions of Asia. From 1951 to 1980, CMB provided support to 57 medical schools in East Asia for construction, libraries, supplies, and equipment, as well as block grants for research, nursing, and public health. Over a 20-year period (1951–1973), CMB also funded over 784 fellowships and visiting professors in East Asia.

This rich history provided the impetus for an academic conference that surveyed the historical development of East Asia's medical education systems and their engagement with other countries. CMB trustees joined professors, deans, and researchers from both current and former key partner medical universities and institutes—including schools of medicine, public health, and nursing—in the two-day program, and used the historical record to open discussions on means to transform medical education in the 21st century.

As participants from mainland China, Hong Kong, Japan, Korea, Taiwan, Thailand, the United States, and the United Kingdom discussed medical education, health policy, and current disease burdens in their respective countries, they recognized similarities in historical development and shared present-day challenges. Particularly salient to the Asian region are issues of universal health coverage, universal primary care service access, integration of traditional and Western medicine, health professional education, healthy aging, and prevention and treatment for noncommunicable diseases.

An edited volume of workshop papers and presentations is planned, enabling CMB to share this history of medical education with universities throughout Asia.

Facing page photos: Speakers and commentators on medical education in East Asia included (top 2 rows, clockwise from top left): Piya Hanvoravongchai, Soonman Kwon; Minah Kang Kim; Keizo Takemi, Jeff Williams, and Ke Yang.

#### **CMB** Centennial Timeline

CMB's Centennial Timeline shares scholarly research on the history of Asian health and medicine over the last 100 years. The timeline highlights the roles of the China Medical Board and its parent organization, the Rockefeller Foundation, and the impact they have had in China and Asia. This project is designed to contribute to the historical record, preserve archival materials through digitization, stimulate scholarship beyond the scope of published papers, and foster academic sharing on the web.

Through virtual exhibits that combine overview essays, photo slideshows, and digitized documents, the timeline documents, analyzes, and brings to life the peoples, ideas, institutions, and values of CMB and RF philanthropic engagement. Please visit the Centennial Timeline at *centennial.chinamedicalboard.org*.

#### **CMB PRIORITY: EDUCATION**

Educating the first generation of China's modern medical leaders at PUMC has been one of CMB's most enduring contributions. CMB built on that legacy in subsequent decades as it worked alongside new partners, helping them to prepare students to meet the health challenges of their times and communities. CMB President Roy Schwarz (1997–2006), for example, encouraged CMB partners to adopt problem-based learning, explore innovations like distance learning, and ensure that their graduates had mastered essential competencies; through his advocacy, many Chinese medical universities adopted the Institute for International Medical Education's global minimum essential requirements (GMER). To meet recent changes in the demand for health professionals in China and Asia, CMB emphasizes transformational learning that seeks to develop core competencies, analyze and synthesize information for leadership and decision-making, and creatively adapt global resources to solve local problems, as recommended by the Lancet Commission on Health Professionals for the 21st Century.

## American Philanthropy in China New York—June 5, 2014



he seed of China Medical Board's century of philanthropy is the generous commitment of the Rockefeller family and its patriarch, John D. Rockefeller, Sr. It seemed fitting, therefore, that philanthropy—American and Chinese, past and present—should form the focus of CMB's New York centenary celebration. "American Philanthropy in China: Retrospective and Prospective" was held at the Asia Society, about one mile from the midtown

Manhattan offices where JDR, Sr. directed his business operations and launched his philanthropic efforts.

In 1914, "America's engagement with the world was reluctant...and yet here was an effort to reach across the oceans," Asia Society President and CEO Josette Sheeran said as she welcomed CMB speakers and guests and invited them to reflect on the momentous impact of Rockefeller and American philanthropies in China over the past 100 years. The public program, attended by over 150 people, opened with a retrospective conversation between CMB Chair Mary Bullock and Yale University Professor Jonathan Spence on continuity and change across a century of American cultural engagement, including philanthropy with China.

CMB President Lincoln Chen then moderated a lively discussion on the prospects for Chinese philanthropy, with panelists Melissa Berman, President and CEO of Rockefeller Philanthropy Advisors, Inc.; Yimei Chen, Executive Director of China Development Brief; and Tony Saich, CMB trustee, Director of the Ash Center for Democratic Governance and Innovation, and Daewoo Professor of International Affairs at the Harvard Kennedy School. "Chinese philanthropy may take the forms and practices of Western philanthropy," Dr. Saich said, "but ultimately, it will be something quite Chinese." As it embarks on its second century, CMB embraces the prospect of partnering with this new generation of Chinese philanthropists in a shared mission of philanthropy for health.



#### CMB Centennial Volume: Philanthropy for Health in China

Over the past century, philanthropy has sparked breakthroughs in health in China and throughout the world. In a new era for China—marked by

innovations in health and the explosive growth of private wealth—the historical evolution of health philanthropy over the course of the 20th century can inform the priorities and collaborative practices of a new generation. In *Philanthropy for Health in China*, Chinese and western academics examine the historical roots and distinct stages of philanthropy and charity in China; the health challenges philanthropy must address; and the roles of the Chinese government, international philanthropies, and civil society organizations.

Facing page photos: Sharing insights on philanthropy were (clockwise, from top left) Richard Rockefeller and Wendy O'Neill; Mary Bullock and Jonathan Spence; Lincoln Chen, Melissa Berman, Tony Saich, and Chen Yimei; and Jeff Koplan, introducing the centennial volume Philanthropy for Health in China.

#### **Rockefeller's Golden Era of Philanthropy**



John D. Rockefeller, Sr., the wealthiest man of his times, pioneered a new era of philanthropy following the advice of his long-time advisor, Frederick Gates, who urged JDR Sr. to direct a portion of his vast wealth to a permanent philanthropy

"for the good of mankind." The Rockefeller Foundation was formally chartered in May 1913, and from the very beginning promoted the transformation of philanthropy from charitable hand-outs to trying to address "root causes" of social problems by adopting a corporate foundation structure, full-time professional staff, and long-term strategic plans that adopted a global outlook.

JDR Sr. donated \$100 million to the Rockefeller Foundation in its first year and, by the time of his death in 1937, had given additional resources in excess of \$260 million. Yet it was his son, John D. Rockefeller, Jr., who devoted his entire life to philanthropy and the Rockefeller Foundation, serving as its first president and, subsequently, its chairman. JDR Jr. also personally became engaged in the Rockefeller Foundation's second major program (and perhaps largest ever financially), China Medical Board, which was founded in 1914 and endowed as an independent foundation in 1928.

The charge to China Medical Board was to advance health in China and the Far East, beginning with establishing Peking Union Medical College. Plans for PUMC combined the Rockefeller commitment to the highest standards of medical science and Abraham Flexner's new vision for science-based medical education. Through PUMC, CMB sought to advance the health of the Chinese people through introducing Western medicine into China, connecting a modern medical school with its teaching hospital, and linking Chinese medical professionals to a growing international scientific community.

## Health Equity in the 21st Century Beijing—September 19–22, 2014



hank you for celebrating a century of cooperation and friendship," CMB President Lincoln Chen said to Chinese and international dignitaries, partners, and guests in attendance at the China-US Medical Summit, held at the Great Hall of the People on September 20. The summit was part of a four-day series of collaborative exercises among CMB trustees and the Chinese government, Peking Union Medical College, Peking University Health Sciences Center, and partner universities throughout China and neighboring Asian countries. In total, more than 250 people from 10 countries joined the centenary events, underscoring the breadth of relationships that have been sustained over the course of a century of medical philanthropy.

Cohosted by the China National Health and Family Planning Commission (NHFPC), the Summit was moderated by NHFPC Vice Commissioner Liu Qian and featured speeches on the importance, history,

#### **CMB Chinese-language Book Series**



CMB sponsored the translation of four books that examine the history of the founding of Peking Union Medical College and the engagement of the Rockefeller family with China over the course of the 20th century. To make these previously inaccessible volumes

available to Chinese audiences required two years of diligent work by several translation teams, guided by senior academics in China and the United States. The four volumes are An American Transplant: The Rockefeller Foundation and Peking Union Medical College, by Mary Brown Bullock; China Medical Board and Peking Union Medical College, by Mary F. Ferguson; Western Medicine in a Chinese Palace, by John Z. Bowers; and The Oil Prince's Legacy by Mary Brown Bullock.

Facing page photos: Participating in CMB Beijing events were (clockwise, from top left) current and former CMB trustees and guests; leaders of CMB partner universities; Mary Bullock; Peter Agre and Zeng Yixin; Assistant Minister of Education Liu Huaqing; NHFPC Vice Commissioner Li Bin; and (center) Vice-Chairman of the Standing Committee of the National People's Congress Chen Zhu. and future of China-US cooperation in medical education. Keynote addresses were delivered by Chen Zhu (Vice Chairman of the People's Congress), Li Bin (Commissioner, NHFPC), and Lin Huiqing (Assistant Minister, Ministry of Education). Other speakers were Mary Brown Bullock (CMB Chair), Wendy O'Neill (CMB trustee on behalf of the Rockefeller family), Zeng Yixin (President, PUMC), Peter Agre (Nobel Laureate at Johns Hopkins University), Ke Yang (Vice President, Peking University Health Sciences Center), Peter Piot (Director, London School of Hygiene and Tropical Medicine), and Gui Yonghao (Vice President, Fudan University).

Following the morning Summit, an international academic conference on Innovations for Health Equity in the 21st Century was held at the Beijing Grand Hyatt. Over two days, academic leaders addressed policies for equitable primary care,

#### **CMB PRIORITY: HEALTH POLICY**

CMB's earliest priority was to improve the health of Chinese people by training Chinese doctors in Western medicine. Public health pioneers like PUMC's John B. Grant tied the health of communities to socioeconomic conditions. CMB now engages policymakers as well as medical and education professionals, and through new grantmaking in health policy and systems sciences, CMB has given these three constituencies new tools to strengthen the intelligence they need to respond to new health threats, ensure equitable access to health care, and advance health care reforms. CMB also is engaging its longstanding institutional partners in an expanded public health agenda, which puts their efforts to improve the health of their communities into the broader context of global health. For instance, PUMC and CMB were among the hosts of the April 2013 China Global Burden of Disease Policy Dialogue, only one example of the ways in which China has joined its international peers in evidence-based analysis of health concerns and potential responses.

#### **Documentary on CMB History**



The Other Shore — The Saga of 100 Years of China-US Medical Philanthropy, a Chinese-

language documentary series produced by Phoenix Television, shares highlights of CMB's history and China's quest to advance the health of its people over a tumultuous century. Designed to both entertain and educate, the five-part series follows the extraordinary work of a group of men and women, American and Chinese, through four wars and three revolutions, reviewing the challenges that CMB faced as it helped introduce modern medical sciences and new approaches to education and philanthropy into China and Asia.

The documentary was nationally broadcast in China in 30-minute daily segments from September 15 to 19, 2014. A video introduction to the documentary is available on the CMB website.

educational innovations in a digital age, collaboration in a global health world, and priorities for CMB's work in its second century. Conference keynote speeches were made by Han Qide (Vice Chairman, Chinese People's Political Consultative Conference), Harvey V. Fineberg (CMB trustee and former President, Institute of Medicine), Shen Xiaoming (Professor, Shanghai Jiaotong University School of Medicine), and Victor Dzau (President, Institute of Medicine).

On September 20, CMB trustees hosted a 100th Gala Dinner to celebrate CMB's century of partnerships in China and Asia.

Two special side events completed the Beijing celebration. On September 19, Peking Union Medical College hosted its 6th Medical Education Forum and the CMB Centennial Books Launch at the auditorium and courtyard of the PUMC campus. On September 22, The Lancet-CMB China Series was launched at Peking University Health Sciences Center.

#### The Lancet-CMB China Series

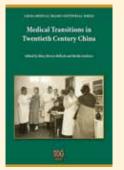
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The China Series, published in the August 30, 2014 issue of *The Lancet*, is an ambitious set of peer-reviewed academic papers addressing the theme of China's health future. Four core papers covered China's rapid transition and control of

noncommunicable diseases, its distinctive engagement in global health, its policies to manage private investments in hospital care, and its health professional education reform. Brief commentaries celebrated a century of Rockefeller health philanthropy and examined China's global health policies, environmental health concerns, and outlook for health aging. This series joins two earlier *Lancet* series on China and one on Southeast Asia.

Chen Zhu, vice-chairman of the Standing Committee of the National People's Congress, presided at the launch of *The Lancet*-CMB China Series at a special workshop at Peking University Health Sciences Center on September 22. About 200 people attended the launch and the subsequent panel discussion, which featured contributors to the series.

#### CMB Centennial Volume: Medical Transitions in Twentieth Century China



In Medical Transitions in Twentieth Century China, a team of international scholars engage in a retrospective examination of the emergence of modern medicine and public health in China over the course of a turbulent and transformative era. Authors use four subjects as their lenses—disease and

healing, encounters and accommodations, institutions and professions, and people's health—as they study important aspects of China's search to provide appropriate and effective health care for its people.

### **CMB** News Events

To capture the rich diversity of CMB activities, these 73 news stories that were posted on www.chinamedicalboard.org present specific CMB activities that reflect how CMB is achieving its mission.



**American Philanthropy in** China

#### June 5, 2014 "American Philanthropy in China: Retrospective and Prospective," the third of four celebratory events marking CMB's centennial

in 2014, provided an opportunity to reflect on the momentous impact of Rockefeller and American philanthropies in China over the past 100 years, while also looking to the future of philanthropy in China.



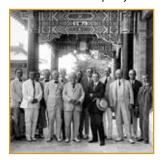
#### **CMB Centennial Book Series** As CMB enters its centennial in 2014, it is celebrating and highlighting 100 years of philanthropy through a series of activities, events, and projects, including three new volumes on the histories of health, medicine, and philanthropy in China and Asia, published by Indiana University Press.



#### **CMB 100th Documentary TV Series Preview** A CMB documentary TV series

will present the untold story

of China's quest to advance the health of its people over a tumultuous century. The introduction and expansion of modern medical sciences, facilitated by CMB through its premier institution, Peking Union Medical College, greatly enhanced Chinese capacity.



#### **CMB's Centennial Website**

CMB has created an interactive centennial website that shares scholarly research on the history of Asian health and medicine over the last 100 years. The timeline highlights the roles of the China Medical Board and its parent organization, the Rockefeller Foundation, and the impact they have had in China and Asia.



#### **Medical Education in East Asia: Past & Future**

April 11-12, 2014 At the second of four major celebratory events in 2014, CMB gathered together 70 distinguished colleagues for the workshop "Medical Education in East Asia: Past and Future" in Seoul, Korea.



#### **PMAC 2014 Transformative** Learning for Health Equity January 29-31, 2014

The 8th annual Prince Mahidol Award Conference (PMAC) addressed the theme of "Transformative Learning for Health Equity," and drew approximately 600 participants from over 80 countries to the three-day program in Pattaya.



#### **CMB 100th Anniversarv Celebration Dinner** January 27, 2014

CMB's 100th Anniversary Celebration Dinner in Bangkok, the first of four major centenary events, was an occasion for CMB to give thanks for a century of partnerships, review the history of its work in Asia, and look forward to a second century.



**CMB Celebrates its Centennial** Year Together with its partners,

CMB witnessed a century of astounding challenges and incredible achievements. Since 1914, the region has been witness to dramatic ups and downsepidemics, wars, famine—yet the people of China and much of Asia have experienced a doubling of life span, an unprecedented achievement in the history of humankind.



#### **Charting a New Course: Nursing Network Reforms** Education November 1, 2013

The deans of the eight schools in the CMB China Nursing Network (CCNN) met in Chengdu to share accomplishments and challenges across projects in community nursing, policy research, and faculty development.



#### **CMB Inaugurates Wuhan Conference on Global Health** October 24-27, 2013

CMB Chair Mary Bullock and President Lincoln Chen were two of the four keynote speakers inaugurating the 45th Asia Pacific Academic Consortium of Public Health (APACPH) conference hosted by Wuhan University.

#### **CMB NEWS EVENTS**



Global Health Linkages: Kunming and Southeast Asia October 17-19, 2013

On the occasion of the 80th anniversary of Kunming Medical College, CMB President Lincoln Chen attended the celebratory conference on rural medical education in China and neighboring Southeast Asia.



#### MOOCs: Transforming Health Professional Education in China

#### October 17, 2013

Representatives of four leading Chinese schools of public health, CMB's China Nursing Network, the Chinese government joined CMB staff in Beijing to discuss ways that massive open online courses (MOOCs) can transform health professional education in China.



#### Networking in the Greater Mekong Subregion on Politics for Public Health

#### September 28-29, 2013

The University of Public Health in Yangon hosted the Fifth International Conference on Public Health among GMS Countries, which brought together leaders, academics, and professionals from Cambodia, Laos, Myanmar, Thailand, Vietnam, and China.



#### **Transforming Education of Health Professionals in China** September 8-13, 2013

The plethora of MOOCs (massive open online courses) has generated tremendous excitement over prospects of transforming education around the world. To investigate their potential and pitfalls, CMB sponsored a US study tour program for 20 delegates from four of China's leading medical universities, together with Chinese government officials.



#### Zhang Ye Succeeds Roman Xu as Director of CMB Beijing Office

CMB President Lincoln Chen praised Roman Xu and Zhang Ye as they began their transition as the outgoing and incoming Directors of the CMB Beijing office, respectively. Approaching a century of work in China, CMB is looking forward to its second century and its Beijing centennial celebration in September 2014.

#### HPS Residency Program: Training a New Generation of Health Policy Researchers

CMB in cooperation with the government's National Health and Family Planning Commission's Center for Health



Statistics and Information has launched a new program on strengthening the research capacity of the next generation of Chinese scholars in health policy and economics.



#### Innovation in Health Professional Education in Thailand

How should a country spark innovation and leadership in health professional education? This was the purpose of a Leadership Forum on Health Professional Education Development, where 30 Thai participants examined 10 innovative projects that had been selected as finalists through an open and competitive process.



#### China and the Global Burden of Disease: An Evidence-based Policy Dialogue

April 16, 2013 More than 100 international scientists and academics convened with Chinese policymakers in Beijing to review policy implications of a China Global Burden of Disease (GBD) study tracking disease, disability, and demographic health trends in China.



#### **Celebrating CMB's Century of Medical Education in East Asia** April 13, 2013

In two speeches at the Symposium on Medical Education on the occasion of the 116th Anniversary of National Taiwan University College of Medicine, CMB President Lincoln Chen described CMB's origins in 1914, its establishment of Peking Union Medical College, and its work in medical education and university development in 17 other Asian countries since 1950.



#### China Health Policy and Management Society (CHPAMS)

China is a critical subject of study for scholars working in population health research. For some researchers, like Chen Zhuo, a Senior Health Economist at the U.S. Centers for Disease Control and Prevention, the connection to China isn't just scholarly, it's personal.



#### Transformative Learning in Global Health: Initiatives in the Netherlands

April 4, 2013 Two hundred and fifty leaders in medical education in the Netherlands organized a one-day conference to chart the future of health professional education reforms, using the Lancet Commission Report as the benchmark for deliberation.



#### CMB Liaison Officers Meet to Strengthen Grants Management

February 1, 2013 Much of the success of CMB's cooperation with Chinese medical universities comes from the effective work of liaison officers in these institutions. Liaison officers from 13 longstanding CMB partner schools met in Bangkok for a grants management workshop, where they shared ideas with CMB staff for continuing to improve their joint work.



#### Integration Challenges in Vietnam's Primary Health Care January 2013

CMB President Lincoln Chen, CMB Trustee Harvey Fineberg, and Dr. Mary Wilson visited Vietnam, where, as guests of the Vietnam Health Minister, Madame Nguyen Thi Kim Tien, they visited medical universities and primary health care systems in Hanoi, Hue, Ho Chi Minh City, and Can Tho.

#### Leadership Challenges for Public Health

January 21, 2013 CMB Trustee Harvey Fineberg addressed leadership challenges for public health in remarks to about 200 faculty and students at the Hanoi School of Public Health. The invited lecture was



part of a CMB delegation visit to the leading school of public health in Vietnam, which is also a long-standing CMB grantee.



#### Philanthropy for Health in China

#### December 3-4, 2012

About two dozen authors of a forthcoming CMB commissioned volume on Philanthropy for Health in China convened at the Harvard Faculty Club in Cambridge, MA, to shape the volume's theme and structure and to strengthen individual chapters through peer review and feedback.



#### Appreciation to Peter and Deborah Geithner December 2, 2012

A workshop and dinner hosted by Harvard University's Ash Center for Democratic Governance and Innovation celebrated Peter Geithner's 28-year career, along with Deborah, with the Ford Foundation where he demonstrated how philanthropy can facilitate reform, catalyze innovation, and expand dialogue.

**Strengthening China's Academic Health Systems** November 17-18, 2012



China's top medical university and hospital leaders, joined by a half dozen international leaders in health policy, discussed how they might work together to improve medical education, research, and healthcare services at the fourth Westlake Forum.



#### Transforming Health Professional Education for the 21st Century November 2012

Two years after the Global Commission on Health Professional Education issued its 2010 report, its findings are starting to take root in local and regional contexts, as demonstrated by the range of discussions on medical education reform in countries around the world, as reported by co-chairs Julio Frenk and Lincoln Chen.



#### Jiujiang University: Innovations in Rural Health Professionals November 2012

With CMB grant funding, the Center for International Rural Medical Education (CIRME) at Jiujiang University Medical Center has introduced programs to increase the quantity and improve the quality of rural health professionals, including developing a three-year curriculum for rural doctors and establishing rural community teaching sites.



#### CMB President's Council in Shanghai

November 16, 2012 Thirteen leaders of Chinese medical universities joined CMB President Lincoln Chen and six CMB trustees for an intensive half-day President's Council meeting focusing on the future of Health Policy and Systems Sciences (HPSS), health professional education (HPE), and global health (GH) in China.



#### HealthSpace Asia: Connecting On and Offline November 1, 2012

Members of HealthSpace.Asia (HSA), a health-focused social media site, met infomally in Beijing to find ways to deepen collaboration both on and offline, including sharing health-oriented activities, deepening Asian networks, and mentoring young researchers.

#### Health Systems Research for Good Health

October 31-November 3, 2012 The Second Global Symposium on Health Systems Research, cohosted by WHO, China's Ministry of Health and Peking University brought together more than 1,700 people from 110 countries

#### **CMB NEWS EVENTS**



to share knowledge and experiences in accelerating inclusionary progress towards achieving universal health coverage in diverse societies.



#### Sharing the Quest for Excellence in Human Resources for Health

October 30-31, 2012 The second China-US Health Summit, with 1,000 people in attendance in Beijing, compared US-China health reforms, discussing the ways in which each country is striving to strengthen human resources for health.



#### CMB Nursing Network: Strengthening the Profession October 27, 2012

Eight nursing school deans—all members of the CMB Nursing Network—met at Peking University Health Science Center to review progress and map out the next phase of their cooperation.

#### PUHSC Celebrating 100 Years of Achievement

October 26, 2012 Peking University Health Sciences Center (PUHSC) one of China's



leading medical universities celebrated its 100th anniversary on October 26, 2012, at an event hosted by President Han Qide and Executive Vice President Ke Yang and attended by Chinese and foreign dignitaries, PUHSC faculty, staff, students, and quests.



#### A Shared Challenge: Human Resources for Health

September-October 2012 Members of the CMB Western Rural Health Network (Rural Network) participated in study tours of Canada and the United States in September and Thailand and Laos in October. The Rural Network, formed in 2011, engages 12 medical schools in western China in collaborative activities to strengthen the training and support of rural medical professionals.



#### PUMC: "The Cradle of Modern Medicine in China" September 20, 2012 Peking Union Medical College

(PUMC) kicked off its 95th anniversary with the fifth Conference on Medical Education on September 20, which celebrated PUMC's contributions in the field of medical education and addressed this question: How can we continue pursuing excellence in medical education?



#### Thailand: Pioneering Linkage of Knowledge for Good Health September 17, 2012

In a speech to commemorate the 150th birth anniversary of Queen Sri Savarindira, CMB President Lincoln Chen said Thailand has been able to achieve significant health improvements by building a health system that offers universal coverage and by establishing outstanding medical universities.



#### Promoting Health Across Borders

September 15-16, 2012 The 4th International Conference on Public Health among Greater Mekong Subregional Countries (GMSPHC), hosted by Kunming Medical University from September 15-16, sought to strengthen collaboration on public health challenges among these countries.



#### Advancing Evidence-Based Medicine in China August 3-4, 2012

The 7th Asia Pacific Conference on Evidence-Based Medicine brought together EBM experts, leaders, and junior researchers to discuss and promote EBM in China at the First Teaching Hospital of Xinjiang Medical University in Urumqi.



#### **Engaging Young Scholars in Health Policy** August 3-6, 2012

At the first Westlake Summer Youth Forum, 90 rising scholars had opportunities to present their research for peer academic exchange, receive feedback and mentoring from leaders in the field, and discuss shared interests with 16 young overseas Chinese from the China Health Policy and Management Society.



### HealthSpace.Asia: Connecting through Social Media

HealthSpace.Asia is an innovative social media site for advancing health by bringing together Asian scientists, academics, and NGO and government leaders around a common platform for sharing information, exchanges, and joint activities.



Sharing Interests in Public Health Education July 27-August 1, 2012 A study tour of leading American

institutions gave deans and professors of seven Chinese schools of public health opportunities to observe strengths and weaknesses of US MPH and DrPH programs and consider how these American experiences can inform Chinese public health education reform.



#### Chinese Migrants Health Risks and Health Care July 16-18, 2012

Sun Yat-sen University's Center for Migrant Health and Policy, a CMB grantee, convened a workshop for its Migration and Health in China Project, to review progress on set of conceptual and empirical papers that address demographic, socioeconomic, occupational, mobility, and health care aspects of Chinese migrants.



### Delivering Health Care Services in Guangxi

Researchers at Guangxi Medical College, one of ten provincial medical colleges in CMB's Western China Rural Health Network, have found, through their recent health surveys in two counties, that investment in health care services is increasing and accessibility to health care is improving.

#### Competencies for Modern Public Health April 18–19, 2012

Recognizing common challenges in curriculum design, the Public



Health Foundation of India—in cooperation with the Harvard School of Public Health and CMB—organized a workshop on "Cross-country Comparison of Master's and Doctoral Level Public Health Programs with a Focus on Competency-Driven Curriculum."



#### Thai Princess Strengthens Historical China-Thai Cooperation in Health April 6, 2012

Her Royal Highness Princess Maha Chakri Sirindhorn of Thailand visited Peking Union Medical College campus and CMB offices on April 6 to strengthen historical ties between China and Thailand in health.



#### China Health Philanthropy Initiative

February 24, 2012 About one and half dozen Chinese and international authors were invited to contribute papers to a CMB volume that will examine health philanthropy in China; these commissioned authors gathered in Beijing to present their initial research and seek feedback from their peers.



#### Transnational History of Health in Southeast Asia

A CMB-commissioned book takes a fresh approach to the study of health in the dynamic Southeast Asia region by focusing on the shared interests of historians, epidemiologists and other public health practitioners, and policymakers.



#### **Health and Medicine in Twentieth-Century China** December 10–11, 2011

A team of Chinese and international scholars, led by CMB Chair Mary Brown Bullock and Bridie Andrews, professor of history, Bentley University, joined a workshop to review plans for a project to examine the history of modern medicine and public health in China in the twentieth century.



#### Rural Health Network Takes Shape in Western China

September 3–5, 2011 More than 70 participants, including the deans of nine medical universities, attended a CMB Western Rural Health Network Workshop in Hohhot, Inner Mongolia, to report on CMB-funded projects that seek to promote innovative education that prepares rural doctors in underdeveloped provinces of China.



#### The Lancet Japan Series: National Achievements, Global Lessons

September 1, 2011 A Tokyo symposium launched *The Lancet's* Japan Series. The six papers and eight commentaries, published under the theme of "Japan: Universal Health Care at 50," scientifically analyzed Japan's health achievements, as well as future challenges.



#### Health Policy and Systems Sciences: A Framework for Policy and Management

Through its grant-making, CMB supports projects that generate knowledge, advance education, and/or lead to innovative applications in four areas: changing health problems and disease burdens; health policies in finance, human resources, information, or technologies; innovations in health systems operations and management; and China's connections to global health.

#### CMB and PUMC: A Shared History

May 6, 2011 Peking Union Medical College convened a seminar to examine the history of PUMC, CMB, and the Rockefeller Foundation.

#### **CMB NEWS EVENTS**



CMB awarded a grant in 2009 to enhance the use of the PUMC archives and strengthen professional development of staff necessary for archival use and preservation.



Commission Report: The View from Asia April 28, 2011

Health professionals from Bangladesh, China, India, Thailand and Vietnam met in Hanoi to consider ways to implement recommendations of the Commission on the Education of Health Professionals for the 21st Century into their own national systems for medical education.



Westlake Forum III April 10–12, 2011

More than 200 American and Chinese health professionals found value in discussing deficiencies in healthcare coverage, access, quality, fragmentation, and costs—as well as their respective governments' responses to them—at the CMBsupported Westlake Forum III, held at Emory University in Atlanta.



#### Kolkata Group Urges Universal Health Coverage for Equity in India

February 18-19, 2011

CMB President Lincoln Chen, Nobel Laureate Amartya Sen, and 40 other social scientists, policy makers, NGO leaders, and development experts attended the 9th Annual Kolkata Group Forum to consider why the benefits of economic growth have not resulted in health security for all Indians.



#### Training Rural Doctors in the Cross-border Region of Yunnan February 2011

Hosted by grantee Kunming Medical College, CMB President Lincoln Chen and Beijing Office Director Roman Xu toured rural Yunnan Province to discuss projects that develop training methods for rural doctors and compare interventions to attract and retain health workers in underserved rural areas.



Commission Calls for Major Reforms in Education of Health Professionals November 29–December 1, 2010 Major reform is needed in the education of doctors, nurses, and other healthcare professionals if they are to have the competencies needed for the 21st century, according to the report of the Commission on the Education of Health Professionals for the 21st Century, launched at a Harvard symposium.



1,200 Scientists Attend Symposium on Health Systems Research in Montreux November 16–19, 2010 Organized by the WHO in partnership with 23 cosponsoring organizations, the First Global Symposium on Health Systems Research focused on how knowledge can be produced, reproduced, and translated for improving health systems in all countries.



#### CMB Distinguished Professorship Awards The most recent cohort of the CMB Distinguished Professorship

Awards represent diverse interests in fields such as mental health, rheumatology, stem cell research, public health, and oncology. The award provides recognition and support for their interests in research, teaching, clinical practice, and collaboration.

#### CMB President Lincoln Chen Honored with Chinese Friendship Award September 29, 2010

CMB President Lincoln Chen received the People's Republic of China Friendship Award, the



highest honor that China confers upon foreigners, in recognition of his efforts to strengthen the capacity of Chinese medical universities.



#### CMB Nursing Network Meets in Beijing August 19, 2010

The deans of the eight schools in the CMB Nursing Network discussed ways to advance their shared interests in PhD training, policy research, and community nursing at a meeting at Peking Union Medical College.



#### Hong Kong Tobacco Control Study Tour

June 21–26, 2010 A tobacco control training program and study tour took place at the School of Public Health at the University of Hong Kong, with 36 participants from 13 CMB grantee schools and the China Preventative Medicine Association. The group toured several institutions and participated in a communication capacity training workshop.



CMB President's Council Meeting in Guangzhou June 15–16, 2010

CMB trustees and presidents and vice presidents of CMB Chinese grantee universities discussed frontier challenges in medical education and research in China from a global perspective, providing insights that can inform CMB grant-making.



#### CMB June Board Meeting in Beijing June 14, 2010

CMB trustees held their semiannual board meeting at the Peking Union Medical College Chapel, the first board meeting to be held in China since CMB's 75th anniversary ceremonies in 2006.



#### **CMB Trustee Field Trips** June 7–13, 2010

CMB trustees embarked on an ambitious travel schedule to various CMB grantees in Vietnam, Myanmar, Tibet, and Sichuan province in China to gain greater exposure to CMB's work in Southeast Asia and to rural health in western China.



#### Beijing Launch of China Center and Lancet Series II April 27, 2010

A dual launch ceremony marked the inauguration of the China Center for China Health Development and the Lancet China Health Series II. The China Center launch marked an important milestone in CMB's health policy and systems sciences (HPS) program.



#### **CMB President Visits Mongolia** April 10–13, 2010

CMB President Lincoln Chen met with the President of the Health Sciences University of Mongolia, Professor Lkhagvasuren Tserenkhuugyin, and the Vice Minister of Health, Dr. Tsolmon Jadamba, to review the status of CMB's relationship with Mongolia and point toward potential future collaboration.



#### Lancet Southeast Asia Series: Authors Workshop February 22–23, 2010

An ambitious Lancet series engaged scientists from 10 countries in Southeast Asia in mapping health in the region; about 40 participants reviewed progress at a workshop at the Faculty of Medicine at Gadjah Mada University, in Yogyakarta, Indonesia.



#### Lancet-Japan Planning Series February 18–19, 2010

The Steering Committee for *The Lancet* Japan series conducted a planning meeting to consider theme papers that would address the ways in which Japan has achieved the best life expectancy in the world and the challenges for universal coverage in the world's most rapidly aging society.



#### Health in Southeast Asia: The Lancet Series January 25, 2010 CMB convened a consultation in Bangkok to address some of the

findings of *The Lancet's* recently released series on the health of Southeast Asia, where different sociopolitical dynamics, paths of economic development, and cultural and religious practices have catalyzed a range of health achievements and responses to new health challenges.



#### CMB 2010 Shenyang Conference on Priorities in Chinese Medical Education January 10–11, 2010

Representatives of 24 medical universities/schools in China examined the role of the medical universities in health reform; the integration of undergraduatepostgraduate-continuing medical education; and how to promote interdisciplinary practice in clinical medicine, nursing, and public health.



CMB staff with CMB liaison officers.

## **CMB** Grants

CMB made 55 major program grants for Health Policy and Systems Science, Health Professional Education, and Southeast Asia during Fiscal Year 2013 and Fiscal Year 2014, described below. Additional small grants were made through the President's Fund, a discretionary fund for program grants and activities of \$100,000 or less.

#### HEALTH POLICY AND SYSTEMS SCIENCES

#### **Sichuan University**

#### Western China Center for Rural Health Development (12-106) January 1, 2013 – December 31, 2015

\$700,000

This grant supplements an earlier commitment (09-983) to Sichuan University in developing a center that focuses on studying health challenges and policy of rural China.

#### Peking Union Medical College CMB-CP in Burden of Diseases in China (12-107)

#### July 1, 2012 – June 30, 2015

\$450,000

This project creates a China Burden of Disease Research and Dissemination Center based at Peking Union Medical College in collaboration with the University of Washington and Queensland University.

#### **Zhejiang University**

#### CMB-CP in Non-Communicable Diseases (12-108)

January 1, 2013 – December 31, 2015 \$300,000

This project assembles a multidisciplinary team of biomedical scientists, epidemiologists, and health economists to address modifiable risk

#### PROFILE

#### Hu Min School of Public Health Fudan University



Hu Min is a lecturer at Fudan University's School of Public Health with a research focus in health economics. Together with a team of young scholars, she is currently participating in CMB's HPS Residency Training program.

"Through self-reflection, group discussion, and increased communication with peers, our group wants to deepen our understanding of China's county hospital reform and complete our research projects at the highest level of quality. I will also spread this knowledge to my students by teaching them about the methodologies we've learned during the HPS Residency Program." factors associated with obesity-related chronic diseases, especially cardiovascular disease and diabetes.

#### Peking University Health Science Center CMB-CP Lab in Health Economics (12-109)

January 1, 2013 – December 31, 2015 \$300,000

This project will create a PKU-CMB Lab for Health Economics (LHE), which will produce rigorous economic research for better health policymaking and help train the next generation of Chinese health economists.

#### Peking Union Medical College CMB-CP in Bioethics Research (12-110)

January 1, 2013 – December 31, 2015 \$300,000

This project proposes to address cognitive, moral, and regulatory gaps in bioethics and strengthen the capacity of researchers, ethical committee members, faculty, biomedical editors, and policy makers through workshops, symposia, and exchange programs.

#### Sun Yat-sen University CMB-CP in Migrant Health Policy (12-111)

January 1, 2013 – December 31, 2015 \$300,000

This project supports the institutional development of the SYSU Center of Migrant Health Policy, primarily through strengthening its leadership and young faculty capacity and supporting research projects.

#### Institute of International Education

#### CMB Faculty Development Awards and Next Generation Fellowships (12-112)

July 1, 2012 – June 30, 2014 \$1,135,370

This grant enables the Institute of International Education to offer two more rounds of CMB mid-career Faculty Development awards and Next Generation fellowships.

#### Huazhong University of Science and Technology Research in Environmental Health and Non-Communicable Diseases (12-113)

January 1, 2013 – December 31, 2015 \$300,000

This project uses data from a Dongfeng-Tongji longitudinal cohort to study the determinants of chronic diseases, especially air pollution and lifestyle factors.

#### **Central South University**

CMB-OC: Schizophrenia Case Management in Rural China (12-114) January 1, 2013 – December 31, 2015 \$109,916 This CMB Open Competition study is designed to compare the effects of a village doctor-assisted case management (VD model) for patients with schizophrenia versus a care-as-usual (CAU model) in rural China.

#### **Central South University**

### CMB-OC: Intervention to Decrease Cost of Chronic Obstructive Pulmonary Disease (12-115)

January 1, 2013 – December 31, 205 \$136,900

This CMB Open Competition project aims to develop, deliver, and evaluate hospital outreach intervention for patients with chronic obstructive pulmonary disease (COPD), starting with a randomized controlled trial of hospitalized COPD patients.

#### **Central South University**

### CMB-OC: Improving Pre-hospital Care in China through Training (12-116)

January 1, 2013 – December 31, 2015 \$149,888

This CMB Open Competition project aims to carry out an observational study of the current status of the county-level pre-hospital care in Hunan province and explore the feasibility of a provincial-wide model for strengthening pre-hospital care services.

#### **Zhejiang University**

#### CMB-OC: Reducing Unnecessary Antibiotic Use for Childhood Fever (12-117)

January 1, 2013 – December 31, 2015 \$100,200

This CMB Open Competition project aims to design, implement, and evaluate a non-randomized control intervention to reduce inappropriate antibiotic use in childhood fever, to be carried out in three towns in Jiangshan county.

#### PROFILE

#### Hu Yan School of Nursing Fudan University



Professor Hu Yan received CMB support to study at Chiang Mai University from 1994-1996 and was one of the first graduates of the Program of Higher Nursing Education Development (POHNED). Currently the vice

dean of Fudan's School of Nursing and the chair of the CMB Nursing Network, she is working with network schools to develop a blended education model for core PhD nursing courses. "For nursing to achieve stature, professionalization, and recognition, doctoral education and research are key developments that require special attention and prioritization."

#### PROFILE

Jian Weiyan Department of Health Policy and Management Peking University Health Science Center



Jian Weiyan was a member of group of CMB-supported young scholars who drew on National Health Services Survey data for their research, and his research remains centered on China's health systems and health

insurance. "In the future, I'll continue to research incentive mechanisms with a focus on evaluation. China is a nation with tremendous regional differences, corresponding with differences in policies and practices. This is a thrill for researchers, because it means there are abundant research subjects and new areas for inquiry."

#### **Sichuan University**

### CMB-OC: Improving Maternal Health Services in Rural China (12-118)

January 1, 2013 – December 31, 2015 \$145,200

This project aims to evaluate the effectiveness of the conditional cash transfer (CCT) programs in promoting the utilization of maternal health services and improving health outcomes of the infants and mothers across poor counties in Sichuan.

#### Peking University Health Science Center CMB-OC: The Effect of Provider Payment Method on Reducing Cost of Delivery (12-119)

January 1, 2013 – December 31, 2015 \$117,832

This CMB Open Competition project will develop empirical evidence on how various provider payment approaches affect demand-side subsidies for alleviating impoverishment due to costly delivery care in rural China.

#### **Peking University Health Science Center**

CMB-OC: The Impacts of DRGs Payment Reform in Beijing (12-120) January 1, 2013 – December 31, 2015

\$101,889

This CMB Open Competition grant aims to evaluate the impact of Beijing's Diagnosis-Related-Groups (DRG) payment reform on health expenditure and quality of care, and to identify barriers and preconditions necessary for successful implementation of DRG reform.

### Center for Health Statistics and Information, Ministry of Health of China

#### HPSS Residency Program (12-126)

January 1, 2013 – June 30, 2015 \$794,780 This HPSS Residency Program is designed to provide on-the-job training

#### **CMB GRANTS**

#### PROFILE

#### Li Youping Sichuan University



Professor Li Youping is an active leader in the field of evidencebased medicine both in China and internationally. She has been involved in three CMB-supported EMB projects. "For the past 10 years, I've worked to continuously

promote and develop the field of EBM in China and utilize EMB to support China's health and medical education reforms. I've also been promoting the application of EBM beyond the world of clinical medicine into the realms of policy decision-making and management, basic research, and assessment of biological technologies."

for junior faculty interested in health policy and systems research, akin to a medical residency program, in order to produce a cadre of young HPSS researchers with the capacity to conduct independent, policyrelevant, and scientifically relevant research.

#### **Harbin Medical University**

#### Global Health Conference and Faculty Development (13-135)

January 1, 2014 – December 31, 2015 \$100,000

This grant supports two global health conferences cohosted by Harbin Medical University and Penang Medical College of Malaysia.

#### Fudan University

#### CMB-CP in Environmental Health Policy (13-152)

January 1, 2014 – December 31, 2016 \$300,000 This CMB Collaborating Program will focus on the health risks associated with air pollution and climate change.

#### **Fudan University**

#### CMB-CP in Health Technology Assessment (13-153)

January 1, 2014 – December 31, 2016 \$300,000

This CMB Collaborating Program will focus on health technology assessment, a tool to evaluate the safety, performance, and cost-effectiveness of drugs, devices, medical procedures, and their support systems.

#### Peking University

CMB-CP in Healthy Aging (13-154)

January 1, 2014 – December 31, 2016 \$300,000

This CMB Collaborating Program will focus on the rapid aging of China's population, which has accelerated demographic and health transitions.

#### **Central South University**

#### **Research on Patient Safety Management (13-155)**

January 1, 2014 – December 31, 2015 \$150,000 This grant will support research and policy development to advance patient safety through training and technical capacity.

#### **Tsinghua University**

#### Organ Transplantation Policy and System Development (13-156)

January 1, 2014 – December 31, 2016 \$300,000 This project will support recearch and

This project will support research and policy development on a national model of organ donation and allocation to be implemented by the China Organ Procurement Organization (OPO).

#### Central South University

Rural Child Nutrition (13-157)

January 1, 2014 – December 31, 2016 \$146,000

This research aims to test the cost-effectiveness of a conditional cash transfer (CCT) program on nutritional status and health service use among disadvantaged children, ages three to five.

#### Jiujiang University Medical Center Rural Infant Nutrition (13-158)

December 1, 2013 – June 30, 2015 \$150,000 This longitudinal research project aims to identify efficient nutrition supplement packet distribution strategies.

#### Fudan University Education on Diabetes (13-159)

January 1, 2014 – December 31, 2016 \$150,000

This three-year study aims to examine the cost-effectiveness of interventions to improve self-management of glycemic control in Chinese diabetic patients.



Guests sign the calligraphy wall at the CMB 100th reception and gala dinner in Beijing, September 20, 2014.

#### Shandong University

Cancer Screening (13-160) January 1, 2014 – December 31, 2016 \$150,000 This three-year project aims to analyze high-prevalence cancers in Shandong province to inform cancer control efforts and reduce inequities in quality of care.

#### China Medical University Stroke Rehabilitation (13-161)

January 1, 2014 – December 31, 2016 \$150,000 This three-year project aims to implement an "Early Supported Discharge (ESD)" stroke rehabilitation program to improve the physical functioning of disabled stroke patients in rural China.

#### **Central South University**

#### Newborn Intensive Care Units Study (13-162)

January 1, 2014 – December 31, 2016 \$135,000

This three-year study aims to demonstrate that allowing parents to care for their newborns in the Newborn Intensive Care Units (NICUs) improves the medical outcomes of preterm infants.

#### Fudan University

Equity of Subsidies (13-163)

January 1, 2014 – December 31, 2016 \$120,000

This three-year research study investigates how enhanced government subsidies for the New Cooperative Medical Scheme (NCMS) affect the distribution of benefits among the rural population.

#### Huazhong University of Science and Technology Integrated Medical Insurance (13-164)

January 1, 2014 – December 31, 2016 \$140,000

This three-year research study aims to compare relational governance and the effectiveness of different health insurance contract models between health purchasers and health providers.

#### **HEALTH PROFESSIONAL EDUCATION**

#### Peking University Health Science Center Research by PKU Institute for Medical Education (12-121)

January 1, 2013 – December 31, 2015 \$450,000

This project supports the newly established Institute for Medical Education at PUHSC to conduct priority research on human resources for health (HRH) in China.

#### **Peking University Health Science Center**

#### Global Health Training, Research and Consortium (12-122) January 1, 2013 – December 31, 2015

\$399,850

This grant supports PUHSC's new Department of Global Health in the School of Public Health to develop the field of global health in China through training, research, forums, and consortium development.

#### PROFILE

#### Wu Zhigang and Xie Yun Central South University



Wu Zhigang and Xie Yun of Central South University (CSU) received the 2012 CMB Liaison Officer of the Year award for their outstanding work in support of CMB-CSU collaboration. Health policy systems, Wu Zhigang

finds, open new paths for collaboration: "Unlike CMB traditional programs, new HPS initiatives have enabled more faculty—especially young faculty, and also some students—to participate in open competition, which has had a wide-ranging influence at CSU and has become a brand of cooperation and development."

#### **Peking University Health Science Center**

#### Systems Approach for Training Advanced Clinical Nurses (12-123) January 1, 2013 – December 31, 2015

\$180,000

This project taps into the resources of the CMB China Nursing Network to develop the scope of practice, core competencies, curriculum and core courses for the Advanced Clinical Practice Nurse (ACPN), as well as assisting in the placement of ACPN graduates.

#### **Fudan University**

Fudan Global Health Institute (13-131)

July 1, 2013 – June 30, 2016 \$253,200 This grant supports the planning and development of a newly established Fudan Global Health Institute.

#### Central South University

Global Health Department (13-132) July 1, 2013 – June 30, 2015 \$200,000 This project will begin developing global health in Central South University by strengthening faculty, training students, and conducting two pilot projects.

#### Sun Yat-sen University

#### **Global Health Institutional Capacity Building (13-133)**

January 1, 2014 – December 31, 2016 \$200,000 This project supports institutional capacity building of SYSU's new Global Health Department under its School of Public Health.

#### Wuhan University

#### **Global Health Program (13-134)**

January 1, 2013 – December 31, 2016 \$100,000 This project supports undergraduate and graduate training in global health.

#### **CMB GRANTS**

#### PROFILE

Yang Gonghuan Institute of Basic Medical Sciences Peking Union Medical College



Formerly the vice director of China CDC (2005-2011), Professor Yang has received support for research on tobacco control education and to help establish the Burden of Disease Research and Dissemination Center. "I

hope to, in cooperation with the Institute for Health Metrics and Evaluation (IHME), form a Burden of Disease Network among interested Chinese departments and organizations for the promotion of evidence-based scientific decision-making."

#### **University of Washington**

#### Chinese Fellowships in Global Health (13-136)

July 1, 2013 – June 30, 2015 \$559,331

This project supports master's and doctoral degree training and shorterterm faculty development in global health for faculty from six Chinese universities.

#### Peking Union Medical College

#### Start-up PUMC School of Public Health (13-137)

September 1, 2013 – December 31, 2015 \$500,000 This grant provides flexible start-up funds for PUMC's new School of Public Health.

#### Xi'an Jiaotong University

#### Doctor of Public Health Training (13-138)

July 1, 2013 – December 31, 2017 \$200,000 This grant provides support to Xi'an Jiaotong University as it develops the first Doctor of Public Health (DrPH) education program in China.

#### Peking University Health Science Center MOOC US Study Tour (13-147)

July 1, 2013 – December 31, 2014 \$180,000

This project supports the visit of Chinese educators and government officials to two US universities to learn about recent developments in IT and online-supported learning technologies.

#### **Fudan University**

#### Nursing Doctoral Education and Research (13-168)

January 1, 2014 – December 31, 2016 \$695.000

This three-year project will support the China CMB Nursing Network to produce China's first three nursing MOOCs and provide seed funding to nursing network members.

#### Xi'an Jiaotong University POHNED Nursing Forum (13-169)

#### \$180,000

January 1, 2014 – December 31, 2014

This one-year project will support a reunion of the Program of Higher Nursing Education Development (POHNED) graduates, a successful CMB capacity-building initiative for nursing in China and Southeast Asia.

#### Fudan University

Fudan SPH MOOCs Startup (13-170)

January 1, 2014 – December 31, 2015 \$75,000 Fudan University will develop two MOOCs for its School of Public Health.

#### Peking University Health Science Center

PUHSC SPH MOOCs Startup (13-171) January 1, 2014 – December 31, 2015 \$75,000 PUHSC has committed to producing MOOCs as part of its "goaloriented public health education reform," which seeks to define core competencies and develop a new curriculum.

#### Peking Union Medical College

#### PUMC SPH MOOCs Startup (13-172)

January 1, 2014 – December 31, 2015 \$75,000 PUMC's Liu Yuanli, as the founding dean of PUMC's SPH, plans to teach PUMC's first MOOC on China's health system.

#### Sun Yat-sen University SYSU SPH MOOCs Startup (13-173)

January 1, 2014 – December 31, 2015 \$75,000 \$YUS will adopt the biostatistics course taught by SPH Dean Hao for its first MOOC.

#### London School of Hygiene and Tropical Medicine Concentrated Master's & Sandwich PhD Training in Selected Chinese Schools (14-180)

July 1, 2014 – June 30, 2017 \$692,000

The three-year grant will support high quality Master and one-year sandwich PhD training at LSHTM in HPS-related subjects to at least 9 young faculty and students of Kunming, Sichuan, and Peking Universities.

#### SOUTHEAST ASIA

### University of Health Services (UHS), Cambodia Strategic Capacity Building (12-124)

October 1, 2012 – September 30, 2014 \$196,000

The project supports UHS's new leadership to develop a strategic vision, enhanced governance, outreach for advice, study tours to US and Asian universities, and internal consultations with faculty and students.

#### National Institute of Public Health, Cambodia

Strengthening Public Health Master's Program (12-125)

January 1, 2014 – December 31, 2016 \$210,840 This project plans to strengthen master's-level public health training and improve fieldwork opportunities for students at the National Institute of Public Health, which, as a representative body of the Cambodian Ministry of Health, provides public health and laboratory services, training, and research to improve the health of the Cambodian people.

#### Institute of Medicine (IOM) 2, Myanmar Mekong Public Health Conference (13-139)

July 1, 2013 – June 30, 2014

\$124,900

This grant supported the participation of international and local health researchers and practitioners at the 5th Greater Mekong Sub-region Public Health Conference. Originally for the University of Public Health Myanmar, the grant was modified and funds transferred to IOM 2.

#### **Hanoi School of Public Health**

Public Health Reform and Dissemination (13-140) January 1, 2013 – December 31, 2014 \$148,800

This grant supports continuing reform of public health education involving case study development and dissemination on health professional education.

#### Can Tho University of Medicine and Pharmacy Education for Primary Care at Commune Center (13-141)

July 1, 2013 – December 31, 2015

\$200,000

This grant supports Can Tho University's efforts to develop integrated education and training programs to support primary health care at the commune level in the Mekong Delta.

#### **Chiang Mai University**

#### Southeast Asia Nursing Workshops and Fellowships (13-148) January 1, 2014 – December 31, 2016

\$250,000

This project will support workshops and regional fellowships in Thailand to promote reform of nursing education in Southeast Asia with implications for China.

#### PROFILE

#### **Zhang Zhang**

London School of Hygiene and Tropical Medicine and London School of Economics



After graduating from Peking University Health Science Center in 2013, Zhang Zhang received a LSHTM-CMB Scholarship for a program that brings together health studies with economics and finance. "To study health policy

and systems in a global context can strengthen my own expertise. I hope what I learn in LSHTM and LSE will help me enhance the equity and efficiency of health systems in nations with large populations and limited healthcare resources."

#### PROFILE

Zhang Nan Inner Mongolia School of Health Management Inner Mongolia University



Zhang Nan, a policy researcher at Inner Mongolia University's Research Institute for Health Policy, is currently pursuing PhD studies in health policy at Prince Songkla University in Thailand. "My academic ability has improved

tremendously because I have learned basic statistical and epidemiological research methods. The mastery of this knowledge has been my most important achievement thus far. In fact, after one year of study in Thailand, I realized a lot of theories and methods I learned and utilized in China were wrong. I've developed a habit for examining information more rigorously."

#### Prince of Songkla University PhD Training in Community Epidemiology in Western China (14-181)

July 01, 2014 – June 30, 2019 \$220,000

This five-year project builds on CMB's earlier grant (#12-101) to build research capacity of young faculty in 3-4 selected Chinese medical universities in western China.



Nursing Deans Wipada Kunaviktikul of Chiang Mai University and Liu Huaping of Peking Union Medical College.

## **Financial Report**

China Medical Board Inc. Condensed Audited Financial Information For the Years Ended June 30, 2014 and 2013

Statement of Financial Position	2014	2013
Assets	\$226,944,730	\$214,363,664
Liabilities	\$4,362,785	\$7,727,364
Net Assets	\$222,581,945	\$206,636,300
Total Liabilities and Net Assets	\$226,944,730	\$214,363,664
Statement of Activities		
Revenue	\$9,544,215	\$8,593,726
Grants, Program and Other Expenses	\$12,265,003	\$11,944,917
Investment Management	\$64,278	\$62,442
Payments to Retired Employees	\$57,376	\$68,433
Federal Excise Tax and Unrelated Business Income Tax	\$236,784	\$62,342
Total Expenses	\$12,623,441	\$12,138,134
Change in Net Assets before Other Additions (Deductions)	\$(3,079,226)	\$(3,544,408)
Other Additions (Deductions)		
Net Realized Gains	\$3,472,000	\$1,903,783
Change in Unrealized Gain (Loss)	\$12,188,292	\$5,406,576
Unpaid Grants	\$(4,362,785)	\$(7,727,364)
Net Assets at Beginning of Year	\$214,363,664	\$210,597,713
Net Assets at End of Year	\$222,581,945	\$206,636,300

CMB's financial statements have been audited by Condon O'Meara McGinty & Donnelly LLP. The auditors' report for 2014 is subject to approval by CMB's Board of Trustees.

### **CMB** Trustees



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Suzanne E. Siskel Executive Vice President and Chief Operating Officer The Asia Foundation



Jeffrey R. Williams Consultant and Corporate Director Shanghai



William Y. Yun Executive Vice President and Head of Alternative Investments Franklin Resources, Inc.



Dr. Tom G. Kessinger, who served as a CMB trustee for 26 years, passed away unexpectedly on July 4, 2014.

Tom brought great experience, wisdom, commitment, and loyalty to the CMB board. His passions were very much in alignment with the CMB

mission of equitable health and development in Asia, where he had worked for much of his professional life. As one of the longest-serving trustees in CMB's history, he brought invaluable counsel, rigor, and clarity to our discussions of philanthropy, medical education, and health policy.

To honor his memory, CMB has provided funds to support the Tom G. Kessinger Asia Summer Internship Fund at Haverford College, the institution where Tom received his undergraduate degree and which he led as president from 1988 to 1996. The internship will enable an exceptional Haverford student to explore health, education, and well-being in Asian countries over the summer months.

## **CMB Staff**

CMB staff are based in Cambridge, MA and in Beijing, China offices, and its Southeast Asia policy coordinator resides in Bangkok, Thailand.



Lincoln C. Chen President

#### CAMBRIDGE, MA



Sally Paquet Director of Finance and Operations



**Joshua Bocher** Office and Editorial Assistant



Cheng Chen Accounting Manager



Ye Zhang Executive Director of CMB Beijing Office



**BEIJING, CHINA** 

Roman (Dong) Xu Director of Beijing Office (through Aug. 2013)



**John Ji** Program Manager



Jennifer Ryan Research Fellow and Centennial Project Director



Sarah Wood Executive Administrator to the President



Mariel Reed Project Coordinator (through Dec. 2013)



Tracy (Xiaochuan) Wang Administrative Assistant



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