

12th
International Conference
of the History of
Science in East Asia
12th ICHSEA



July 14-18, 2008
Baltimore, Maryland



Program in The History of Science,
Medicine & Technology
Johns Hopkins University

REGISTRATION
Through the Conference Website
[http://www.hopkinsmedicine.org/histmed/news/
eastm.index.html](http://www.hopkinsmedicine.org/histmed/news/eastm.index.html)

WELCOMING REMARKS

The International Society for the History of East Asian Science, Technology, and Medicine (ISHEASTM) welcomes you to its Twelfth International Conference at Johns Hopkins University, Baltimore, Maryland. The central theme for the conference is "Tribute to a Generation". In the past, we have acknowledged the contributions of the "High Ancestors" of our organization including Joseph Needham, Yabuuti Kiyosi, Zhu Kezhen, Li Yan, and Qian Baocong. At this conference we will honor our field's "Second Generation": Professors Li Di, Pan Jixing, and Xi Zezong in mainland China, Nakayama Shigeru and Yamada Keiji in Japan, Jeon Sang-Woon in Korea, Ho Peng-Yoke in Australia, Nathan Sivin in the United States, as well as several others including Charlotte Furth and Miyasita Saburo.

Each one of these scholars in their own way laid the foundations in scholarship, publications, infrastructure, institutional commitment, and training during the second half of the 20th century for the global ISHEASTM community at work today. In addition to having their bibliographies and academic biographies posted online, the scholars have conference panels related to their respective research themes formally designated in their honor. In the case of the late Professor Li Di, this

panel will take the form of a memorial session. There will also be a special reception hosted by the Department of the History and Sociology of Science of the University of Pennsylvania in honor of Professor Sivin's contributions to the field, his leadership in establishing this society, and his establishment of its journal *Chinese Science* in 1975.

While it is important to celebrate their contributions, we also look forward. To this end, we have encouraged panel proposals centered on general themes that these scholars developed and which continue to flourish in new directions. There are also panels in core disciplines of the field including mathematics, astronomy, technology, geology, alchemy, medicine and public health, and the life sciences in East Asia. We have attempted to encourage broad participation from both junior and senior scholars.

We warmly acknowledge the large number of sponsors and scholars who have assisted the Organizing Committee in making this possible. Their names are listed elsewhere in the program. An event of this size occasionally runs into problems, and we apologize for them. We thank everyone for their patience.

We trust that you will have a most enjoyable week, renewing old ties, making new friendships, and strengthening lifelong relationships. Scholars from 18 different countries and regions are here to participate in this conference and share their work with all of us. We hope that the conference will be well worth the long distance many of you have traveled.

Countries and Regions Represented

Australia, Austria, Canada, China, England, France, Germany, Hong Kong, Israel, Italy, Japan, Malaysia, New Zealand, Singapore, South Korea, Spain, Taiwan, and Vietnam

ACKNOWLEDGEMENTS

We gratefully acknowledge the generous financial support of the following sponsors

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of Medicine, Department of the
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and the East Asian Studies Program

Princeton University, Program in East
Asian Studies and Program in the
History of Science

The University of Pennsylvania, School of
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We gratefully acknowledge the generous donations of food and drink by our local sponsoring vendors

The Brewers Art, Carma's Café, Clipper
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Special Thanks for Additional Support

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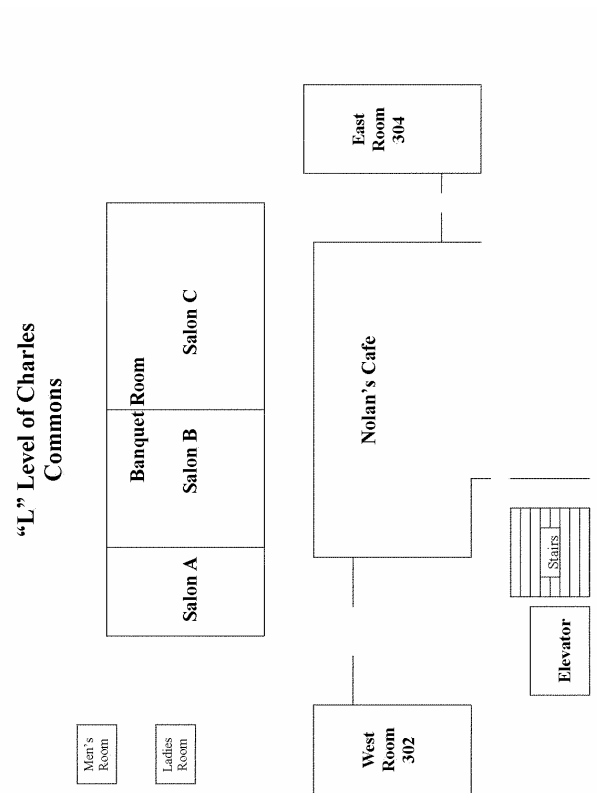
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Special thanks also to our Administrative Staff

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MAP OF CHARLES COMMONS



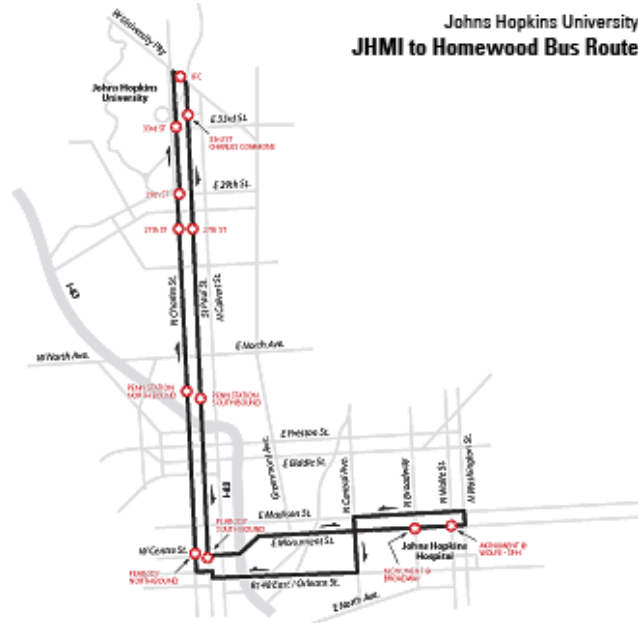
The Multipurpose Room is directly west of the elevator, past the reception desk to Charles Commons lodging, and to the left. There is a kitchen and small dining area to the right. Enter the Multipurpose Room by going through the door in front of you and then through the door on the left.

There is an additional set of bathrooms down the hallway west past the elevator right after the reception desk.

The Sherwood Room is on the south side and the Glass Pavilion is on the north side of Levering Hall. Levering Hall is on the west side of Homewood campus. Look for the tall Gilman Hall Clock Tower. Levering is on the south or left side if you are facing Gilman Hall.

GENERAL INFORMATION

TRANSPORTATION



Amtrak Baltimore Penn Station
1515 North Charles Street
Baltimore, MD 21201

The Johns Hopkins Shuttle has a stop on both
the St. Paul and Charles Street sides of the station

BWI Airport Transport

Maryland Transit Association Light Rail service
Light Rail service is available to downtown Baltimore,
Timonium, and Hunt Valley from BWI airport. To go to
Penn Station, however, you will have to take a taxi from
any of the downtown stops. Mt. Royal Avenue is the
closest. During the weekdays there is a shuttle bus from
Penn Station to the Mt Royal Avenue Light Rail station.
Fare is \$1.60 one way.

For schedules call 410-539-5000 or go to
www.mtmaryland.com
Monday - Friday 6-11
Saturday 7-11, Sunday and Holidays 11-7

GENERAL INFORMATION

PLACES TO VISIT NEAR THE CONFERENCE CENTER

Baltimore Museum of Art
Art Museum Drive, Between Charles & 31st
Baltimore, Maryland 21218
(On south side of Johns Hopkins Homewood Campus)
(410) 396-7101
HOURS: Wed., Thurs., Fri., 10–4; Sat.–Sun. 11–6
Free Admission

The Walters Art Museum
600 N. Charles Street
Baltimore, Maryland 21201
(On the Hopkins Shuttle line, get off at Mt
Vernon/Peabody Institute of Music Stop)
(410) 547- 2787
SUMMER HOURS: Weds -Sun 10–5
Recommended: Hackerman House of Asian Art
Free Admission

Johns Hopkins University Museums

Evergreen House & Museum
4545 N. Charles Street
Baltimore, Maryland 21210
(410) 516-0341
Mon.–Fri. 10–4; Sat.–Sun. 1–4
Tours begin at 10; last tour is at 2;
\$6 adults; \$5 for senior citizens; \$3 children & students

Homewood House
3400 North Charles Street
(On the east side of Johns Hopkins Homewood campus)
Baltimore, MD 21218
Main Phone: 410-516-5589
Tuesday through Friday: 11-4
Saturday and Sunday: 12-4
\$6 adults; \$5 senior citizens, \$3 children & students

Lacrosse Museum and National Hall of Fame
113 W. University Parkway, Baltimore, MD 21210
(Northwest corner of Homewood Campus, on the west
side of the Lacrosse Field)
(410) 235.6882
Mon-Fri 10-3, \$3 Adults; \$2 Children

**PLACES TO VISIT
IN DOWNTOWN BALTIMORE**

Maryland Science Center
Currently showing Body Worlds Exhibit
601 Light Street, Baltimore, MD 21230
24 Hour Information Line: (410) 685-5225 |
Talk to a Science Center Operator: (410) 685-2370
Monday-Thursday: 9-6, Friday: 9-8
Saturday 9-8, Sunday 9-6

National Aquarium in Baltimore
501 East Pratt Street, Baltimore, Maryland, 21202
(410) 576-3800 (daily 9:00 a.m. to 4:30 p.m.)
\$28.95 adults; \$27.95 senior citizens (60+); children
\$17.95 (3-11)

B & O Railroad Museum
901 W. Pratt Street
Baltimore, Maryland 21202
(410) 758-2490
HOURS: Open seven days a week, 10–5.
\$7 adults; \$6 senior citizens 60 & over; \$5 children 2 to
12; children under 2 are free.

American Visionary Arts Museum
800 Key Highway
Baltimore, Maryland 21230
(410) 244-1900
HOURS: Tuesday-Sunday 10-6 (Closed Mondays)
\$12 adults; \$8 senior citizens (55+) & students; Free
Children 6 and below

Reginald F. Lewis Museum of Maryland African-
American History
830 E. Pratt Street
Baltimore, Maryland 21202
(443) 263-1800
HOURS: Tues-Su 10-5
\$8 adults; \$6 senior citizen and adults; free 6 under

GENERAL INFORMATION

RECREATION

Ralph S. O'Connor Recreation Center
Open to all 12th ICHSEA Participants
FREE ADMISSION
ID Required

Located on north side of Johns Hopkins Homewood
campus next to the Lacrosse and Baseball fields
Across the street from the Inn at the Colonnade

Summer Hours
Monday through Friday 6am-10pm
Saturday & Sunday 10am-6pm

Pool Hours in July
Monday-Friday
Mornings 7-9, Lunch 12:15-1:15, Evenings 5:30-8:45
Closed Saturday and Sunday

SUNDAY, 13 JULY

Pre-Registration

12:00-5:00 pm Charles Commons Entry Way
(33rd Street between St. Paul & North Charles)

Welcome Reception

4:00-8:00 pm
Dept of the History of Science & Technology
(3505 North Charles Street, one block north of the
Charles Commons and the Conference Center)

MONDAY, 14 JULY

*~Day in Honor of Dr. Li Di, Dr. Lu Gwei-djen,
and Dr. Joseph Needham~*

Breakfast

7:00-8:30 am Nolan Café

Registration

8:00-10:00 am Glass Pavilion
10:30-2 pm Charles Commons Entry Way

Opening Ceremony and Welcome

8:00-10:00 am Glass Pavilion

8:00-8:30 am Welcoming Remarks
Adam Falk, James B. Knapp Dean, Krieger
School of Arts and Sciences, Johns
Hopkins University
Kellee Tsai, Professor, Department of Political Science,
Director of East Asian Studies Program
Christopher Cullen, Director Needham Research Institute,
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Morris Low, Co-Chair 12th ICHSEA Baltimore 2008
University of Queensland, Australia
Marta Hanson, Co-Chair 12th ICHSEA Baltimore 2008
Johns Hopkins University
KIM Yung Sik, Professor, Department of Asian History,
Seoul National University

~ In Honor of Professor Li Di (1927-2006) ~

8:30-9:00 am In Memoriam of Prof. Li Di
GUO Shirong, Inner Mongolia Normal University

9:00-10:00am Plenary Lecture
TIAN Miao, Institute of the History of Natural Science

Coffee / Tea Break

10:00-10:30 am Charles Commons, Salon B

10:30-12:30 am Morning Sessions (I-VII)

Session I (Panel 14)	Glass Pavilion
<i>In Honor of Prof. Jeon Sang-Woon</i>	
“Assessing a Legacy and Exploring Beyond: Jeon Sang-woon and the History of Science in Korea”	

Speaker 1: LIM Jongtae, Seoul National University
“From National Pride to Korean Uniqueness: Jeon Sang-woon’s Innovation of Nationalistic Historiography of Korean Science”

Speaker 2: LEE Myon U, Chuncheon National University of Education
“Studies on the *Cheonsang yeolcha bunya ji do* since Dr. Jeon Sang-woon’s Research”

Speaker 3: MOON Joong-Yang, Seoul National University
“Korean Science and Technology in King Sejong’s Era (1418-1450): Was it different from China’s?”

Speaker 4: SONG Sang-yong, The Korean Academy of Science and Technology
“An Outsider Looks at Jeon Sang-woon”

Chair: KIM Yung Sik, Seoul National University

Session II (Panel 1, part 1)	Sherwood Room
[South side of Levering Hall, opposite of Glass Pavilion]	
“Disease, Drugs, and the Environment across the Meiji Divide: Negotiating Modernity in 19th-century Japan”	

Part 1: Disease in pre-modern and modern Japan

Speaker 1: William JOHNSTON, Wesleyan University
“Sexually Transmitted Disease and Pre-modern Japanese Demographic Change”

Speaker 2: SUZUKI Akihito, Keio University
“A Bacteriology for Fish-Eating People? Health-seeking Behavior and the Market in Early Modern Dietary Regimen and Bacteriological Public Health in the Context of Cholera in Modern Japan”

Speaker 3: Alexander BAY, Chapman University
“*Kakke* (Beriberi) and the Geography of Affliction”

Discussant: Brett WALKER, Montana State University

Chair: Ann JANNETTA, University of Pittsburgh

Session III (Panel 34)	Salon A
<i>In Honor of Professor Charlotte Furth</i>	
“Boundaries of Fiction and Medicine in Late Imperial China”	

Speaker 1: FU Liangyu, University of Pittsburgh
“Printing Visualized Knowledge: A Study of Illustrations in Traditional Medical Books Published in Late Imperial China (Ming-Qing Period)”

Speaker 2: Andrew SCHONEBAUM, State University of New York College of New Paltz
“The Case of the Doctor in late Qing Fictional Narratives”

Speaker 3: Ellen WIDMER, Wellesley College
“Changing Configurations in Fictional and Medical Publishing”

Speaker 4: ZENG Yuan Yuan, Catholic University of America
“C-section, ‘Magic mirror’, and ‘Charlatans’ in *Dianshizhai Pictorial*: Western medicine and Chinese medicine in late 19th century China”

Chair: Tobie MEYER-FONG, Johns Hopkins University

Session IV (Panel 22)	Salon C
“‘Origin/Source’: Concepts and Their Uses in the History of Knowledge”	

Speaker 1: Andrew PLAKS, Princeton University
“Finite Beginning and Unbounded Anteriority: Reflections on the Term *yuan* in the Early Chinese Discourse on Origination”

Speaker 2: Martina SIEBERT, Max-Planck-Institute for the History of Science, Berlin
“The Origin of Things. Making Technology into History”

Speaker 3: Karine CHEMLA, Université Paris Diderot

“Why the ‘source’ matters. Practices of looking for the ‘source’ in the mathematics of ancient China”

Speaker 4: Michael PUETT, Harvard University
“The Problem of Origins: The Concept of *yuan* in Early Chinese Religious Practice”

Chair: Paul UNSCHULD, Horst-Goertz-Institute, Charité-Medical University

Session V (Panel 15, part 1)	West Room 302
<i>In Honor of Professor MIYASHITA Saburo</i>	
“Tracing Pharmaceutical Modernity through Japan and its Peripheries”	

Part 1: Pharmaceutical Industry in Japan

Speaker 1: CHANG Che-Chia, Academia Sinica
“The Demand for Chinese Medical Herbs in Edo Japan”

Speaker 2: KUO Wen-Hua, National Yang-Ming University
“Making a Tradition “Alternative”: Reconsidering Kampo in the Context of Regulatory Culture”

Speaker 3: KATO Shigeo, Waseda University
“Western Medicine for General Practitioners and Pharmaceutical Companies: Pharmaceutical Modernity in Modern Japan”

Commentator: NAKAYAMA Shigeru, Kanagawa University

Chair: Akiko ITO, University of Minnesota

Session VI (Panel 6)	East Room 304
“Government and Industry in Industrializing Japan”	

Speaker 1: Martha CHAIKLIN, University of Pittsburgh
“Going Under the Knife - Government Involvement in the Meiji Ivory Industry”

Speaker 2: David WITTNER, Utica College
“All the Right Choices for All the Wrong Reasons: Technological Choice and Meiji Iron Industrialization”

Speaker 3: Hyungsub CHOI, The Chemical Heritage Foundation
“Technology Importation, Corporate Strategies, and the

Emergence of the Japanese Semiconductor Industry”

Speaker 4: Jonathan COOPERSMITH, Texas A&M University

“Forced Faxing: The Japanese Government and the Fax Machine, 1960-1995”

Chair: Richard SMETHURST, University of Pittsburgh

Session VII (Panel 38)	Multipurpose Room
<i>In Honor of Professor ZHU Kezhen (1890-1974)</i>	
“The History of Measurement in China and Japan”	

Speaker 1: CHIN Shih-ch’i, National Chengchi University
“On the Pace (*bu*) of Ancient China”

Speaker 2: LI Geng, Co-presenter SUN Xiaochun, Max-Planck Partner Group at the Institute for the History of Natural Science
“Cosmos and Measurement: Measuring Gnomon Shadow Lengths in Han China”

Speaker 3: GUAN Zengjian, Shanghai Jiao Tong University
“Review of the History of Metrology in China”

Speaker 4: KIM Boumsoung, University of Tokyo
“Measuring Gravity in Loci: Gravitational Expeditions in Japan, 1880-1884”

Chair: Gregory CLANCEY, The National University of Singapore

Lunch (on your own)

12:30-2:00 pm Nolan Café or Outside Restaurants

Brown Bag Lunch Session on Journals in the Field
1:00-2:00 pm West Room 302
Journal editors will discuss how to get published in the three main journals in the history of East Asian science, medicine & technology: <i>Asian Medicine</i> , <i>East Asian Science, Technology and Medicine</i> , <i>East Asian Science Technology Studies</i>

2:00-4:00 pm Afternoon Sessions (VIII-XIII)

Session VIII (Panel 24)	Glass Pavilion
<i>In Honor of Lu Gwei-djen (1904-1991)</i>	

“Diet and Disease: Transformations of Nutritional Knowledge in East Asian History”

Speaker 1: Shawn ARTHUR, Appalachian State University

“The Religious, Social, and Medical Significance of Early Medieval Daoist Food Choices”

Speaker 2: Vivienne LO, Wellcome Trust Centre for the History of Medicine and WANG Shumin, China Academy of Chinese Medical Sciences

“Nutritional Ideas in Ming Dynasty *Leishu*”

Speaker 3: Hilary A. SMITH, Meredith College

“How China’s Gout Became Japan’s Beriberi: Changing the Definition of a Dietary Disease”

Chair: Kari McLeod, Johns Hopkins University

Session IX (Panel 1, part 2) Sherwood Room
[South side of Levering Hall, opposite of Glass Pavilion]
“Disease, Drugs, and the Environment across the Meiji Divide: Negotiating Modernity in 19th-century Japan”

Part 2: Nursing and the Pharmaceutical Industry in Meiji Japan

Speaker 4: Robert PADILLA II, Ohio State University

“Trouble with Women: Japanese Red Cross Nurses in Army Reserve Hospitals during the Sino and Russo-Japanese Wars”

Speaker 5: Julia YONGUE, Hosei University

“Attempts to Establish a Pharmaceutical Manufacturing Industry in Meiji Japan: Why did Dainippon Pharmaceutical Company fail?”

Commentator: Brett WALKER, Montana State University

Chair: Ann JANNETTA, University of Pittsburgh

Session X (Panel 3) Salon A
“China and the World History of ‘Revolutions’: Viewing from the Angle of Sex and Science”

Speaker 1: Leon ROCHA, University of Cambridge

“Sex and Revolution in 1920s Urban China”

Speaker 2: Howard CHIANG, Princeton University
“The Historical Epistemology of a Great Convergence:
China, Europe, and the Conceptual Foundations of
Worldwide ‘Sexual Revolution’, 1850-1950”

Speaker 3: Angelina CHIN, Pomona College
“Women’s Sexual Disorders, Colonial Medicine and
Urban Citizenship in Early 20th-century Hong Kong”

Chair: Elizabeth FEE, National Library of Medicine

Session XI (Panel 10, part 1	Salon C
“Launching Public Health in China, 1898-1983: A Common Problem in a Changing Society”	

Part 1: The Late Qing and Early PRC

Speaker 1: GAO Xi, Professor, Fudan University
“Observations and Research on Epidemic Diseases in
Nineteenth Century China: A Case Study on the Customs
Medical Report”

Speaker 2: PENG Juanjuan, Georgia Southern University
“Selling Modern Hygiene in Late Qing Tianjin:
Commercial ads on hygienic products in *Dagong bao*,
1902-1911”

Speaker 3: BU Liping, Alma College
“Starting a Public Health Education Movement in China:
‘The Council on Health Education,’ 1915-1926”

Speaker 4: Rachel CORE, Johns Hopkins University
“Taming Tuberculosis: Normalization of Education,
Treatment, and Monitoring during the First Five Year
Plan”

Co-chairs: Part 1, YIP Ka-che, University of Maryland,
Baltimore County

Part 2, Paul THEERMAN, National Library of Medicine

Session XII (Panel 15, part 2)	West Room 302
<i>In Honor of Prof. MIYASITA Saburo</i> “Tracing Pharmaceutical Modernity through Japan and its Peripheries”	

Part 2: Pharmacological Research in Colonial Korea

Speaker 4: SHIN Chang-Geon, Tokyo University of Science

“Institutionalization of Research on Traditional Medicine in Keijo Imperial University”

Discussant: NAKAYAMA Shigeru, Kanagawa University

Chair: Akiko ITO, University of Minnesota

Session XIII (Panel 27, part 1)	Multipurpose Room
“Making and Experiencing Nuclear and Biological Warfare before and during WWII”	

Part 1: Nuclear Weapons

Speaker 1: Kam-Wing FUNG, The University of Hong Kong

“Uemura Yoshiaki (1912-1973), Shimizu Sakae (1915-2003) and Japan’s Wartime Nuclear Program in Kyoto”

Speaker 2: Masakatsu YAMAZAKI, Tokyo Institute of Technology

“History of the Japanese Nuclear Weapons Development during the Second World War”

Speaker 3: Akira MASAIKE, Kyoto University

“Research Activities on Nuclear Physics at Kyoto University during the World War II”

Speaker 4: Maika NAKAO, University of Tokyo

“Images of the Atomic Bomb before and during the War in Japan”

Commentator of Part 1: Dong-Won KIM, Johns Hopkins University

Chair: Horace Freeland JUDSON, Retired Director, Center for History of Recent Science, George Washington University

Session VII (Panel 29, part 1)	East Room 304
“Science Across the Borders: History of Transmission of Scientific Expertise in East and South-East Asia”	

Part 1: Case Studies in China, Vietnam, and Korea

Speaker 1: Alexei VOLKOV, National Tsing Hua University

“A Case of Transmission of Mathematical Expertise: Mathematics and Mathematics Education in Traditional Vietnam”

Speaker 2: SHIN Min Cheol, Seoul National University, South Korea

“The Ban on the Private Study of Astrology and the Publication of Books on Astrology in the Ming Dynasty: Ideas and Reality”

Speaker 3: YING Jia-Ming, National Taiwan Normal University

“*Gujang Sulhae*: Nam Byeong-gil’s explanations of mathematical methods of the *Jiuzhang Suanshu*”

Speaker 4: NGUYEN Thị Dương, Institute of Hán-Nôm Studies, Hanoi, Vietnam

“Transmission of traditional medical expertise from China to Vietnam: the case of pediatrics”

Co-chairs: Part 1, Karine CHEMLA, Université Paris Diderot

Part 2, Alexei Volkov, National Tsing Hua University

Coffee/Tea Break

4:00-4:30pm Charles Commons, Salon B

4:30-6:30pm Evening Sessions (XIV-XVII)

Session XIV (Panel 2) “Korean Medicine in East Asia”	Salon A
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Speaker 1: CHA Wung-Seok, Kyunghee University
“A medical information exchange through the government delegations between Korea and Japan in 1600s-1800s”

Speaker 2: KANG Yeon-Seok, The MJ Medicine News,
“The Documenting and Writing of ‘Hyang Yak Jip Sung Bang’ (*Xiangyao ji chengfang*) and Medical Exchanges between East Asian Countries during the 15th Century”

Speaker 3: AHN Sang-Woo, Korea Institute of Oriental Medicine
“The publication of Korean classic medical documents and medical information exchange in East-Asia medical field”

Chair: SUH So-young, Harvard University

Session XV (Panel 10, part 2)	Salon C
“Launching Public Health in China, 1898-1983: A Common Problem in a Changing Society”	

Part 2: Revisiting the Maoist Era and Barefoot Doctors

Speaker 5: Miriam GROSS, University of California, San Diego

“Chasing Snails: Anti-Schistosomiasis Campaigns in the People’s Republic of China”

Speaker 6: FANG Xiaoping, National University of Singapore

“Marginalizing Chinese Medicine: Barefoot Doctors and Western Medicine in Chinese Villages, 1968-1983”

Speaker 7: ZHANG Daqing, Peking University

“Barefoot Doctors: A ‘possible way’ for rural health in modern China?”

Co-chairs: Part 1, Ka-che YIP, University of Maryland Baltimore Country

Part 2, Paul THEERMAN, National Library of Medicine

Session XVI (Panel 17)	West Room 302
“Ethics of Sight: the Visual as Mediation in China’s Early Modern Science Education”	

Speaker 1: FU Liangyu, University of Pittsburgh

“Western Eyes for Chinese Minds: Visual Presentation of John Fryer's *Gezhi Huibian* (1876-1892)”

Speaker 2: WANG Haixia, Anhui University

“Desire to See Truth: Modern World in Lithographic Pictorials (1884-1898)”

Speaker 3: NING Xin, Sewanee, University of the South

“Beginning Revisited: Cultural Dialogue and Confrontation around the First Chinese Movie”

Commentator: LIU Xinmin, University of Pittsburgh

Chair: Carol BENEDICT, Georgetown University

Session XVII (Panel 27, part 2)	Multipurpose Room
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“Making and Experiencing Nuclear and Biological Warfare before and during WWII”

Part 2: Biological Weapons

Speaker 5: Michael J. FRANZBLAU, University of California

“Field Examinations of Chinese Civilians with Chronic Cutaneous Glanders Caused by Unit 731” Keiichi TSUNEISHI, Kanagawa University

Speaker 6: TSUNEISHI Keiichi, Kanagawa University, “Japanese BW (Biological Warfare) Program from 1932 to 1945: Purchased Research Documents by US”

Speaker 7: Jeanne GUILLEMIN, Boston College
“Imperial Japan’s Germ Warfare: The Suppression of Evidence at the Tokyo War Crime Trial”

Commentator of Part 2: Tomoko Y. STEEN, Independent Scholar

Chair: Horace Freeland JUDSON, Retired Director, Center for History of Recent Science, George Washington University

Session XIV (Panel 29, part 2) East Room 304
“Science Across the Borders: History of transmission of scientific expertise in East and South-East Asia”

Part 2: Case Studies in China and Europe

Speaker 4: HSU Kuang-Tai, National Tsing Hua University

“Evidential Study on Fang Yizhi’s First Contact with Western Scientific Knowledge at the Age of Nine”

Speaker 5: MAU Chuan-Hui, National Tsing-Hua University,

“The Circulation of the Sericultural Know-how Between France and China in the 17th- 19th Centuries”

Speaker 6: LIU Bing, Tsing Hua University

“Ideological Reaction to the Introduction of Sartre’s New Humanism into China in the Mid 20th Century: The Case of Qian Baocong”

Co-chairs: Part 1, Karine CHEMLA, Université Paris
Diderot

Part 2, Alexei Volkov, National Tsing Hua University

Reception and Lecture

6:30-8:30 pm Glass Pavilion
Sponsored by the East Asian Studies Program and the
History of Science Program, Princeton University

7:00-8:00 Public Lecture

In Honor of Dr. Joseph Needham (1900-1995)

*Preliminary Words of Tribute from the Late
Dr. Needham's Colleagues*

SIMON WINCHESTER, Independent Author, Harper
Collins

“The Man Who Loved China: The Fantastic Story of the
Eccentric Scientist Who Unlocked the Mysteries of the
Middle Kingdom”

The Brewer's Art and the Flying Dog Brewery
donated a keg each of their best beer

Graduate students and Post-docs gathering

9:30 pm ~ One World Café (410-235-5777)
West of The Colonnade Hotel, 100 W. University
Parkway <http://one-world-cafe.com/>

TUESDAY, 15 JULY

~Day in Honor of Professor Nakayama Shigeru~

Breakfast

7:00-8:30 am Nolan Café

7:15-8:15 IASTAM Breakfast Meeting

Registration

8:00 -11:00 am Charles Commons Entry Way

Plenary Lectures

8:30-10:30 am Glass Pavilion

James BARTHOLOMEW, Ohio State University
“How to Join the Scientific Mainstream: East Asian
Scientists and Nobel Prizes”

Gregory CLANCEY, National University of Singapore
“The Asian Turn toward Science and Technology Studies
(STS)”

Coffee/Tea Break

Charles Commons Salon B

10:30-11:00 am

11:00 am-1:00 pm Morning Sessions (I-VI)

Session I (Panel 28, part 1)	Glass Pavilion
<i>In Honor of Professor Shigeru Nakayama</i>	
“Colonial Sciences in Japan’s Great East Asian Co-Prosperity Sphere”	
Organizer: TSUKAHARA Togo, Kobe University	

Part 1: Institutionalization of Science and Medicine in
Japan’s Empire

Speaker 1: CHANG Kuo-Hui, Virginia Tech
“The Co-production of Colonial Politics and Technology:
the Japanese Engineering Education in Taiwan, 1920-
1945”

Speaker 2: ABE Kensuke, National Chengchi University
“Development of the Nationalism of Taiwanese Doctors”

Speaker 3: LEE Taehee, Seoul National University
“The Changing Role of the Central Research Institute in
Colonial Korea”

Commentators: IJIMA Wataru, Aoyama Gakuin University and NAKAYAMA Shigeru, Kanagawa University

Chair: KAKIHARA Yasushi, Tokyo University of Marine Sciences

Session II (Panel 41, part 1)	Sherwood Room
<i>In Honor of Prof. HO Peng Yoke's contributions to building the infrastructure for the ISHEASTM</i>	
“Building Scientific Infrastructure in East Asia and Beyond”	

Part 1: China

Speaker 1: DONG Yuyu, Shanghai Jiao Tong University
“What the Northern Song Government's Special Organizations contributed to the Innovation and Development of Astronomy”

Speaker 2: SUN Xiaochun and HAN Yi, Institute for the History of Natural Science “The Northern Song State's Financial Support for Astronomy”

Speaker 3: CAO Xiping, Geological Museum of China
“The National Geological Survey of China in the Chinese History of Science”

Speaker 4: GUO Jinhai, Institute of the History of Natural Sciences
“Fu Ssu-nien and the First Election of Members of Academia Sinica”

Chair: Part 1, LIU Dun, Institute of the History of Natural Sciences

Part 2, Stuart “Bill” LESLIE, Johns Hopkins University

Session III (Panel 11, part 1)	Salon A
“Reception of Chinese Medicine in Europe (17th-20th centuries)”	

Part 1: France, Italy, and the UK

Speaker 1: Frédéric OBRINGER, CNRS Paris
“Elephant and Ginseng: A Detailed Analysis of the First Translations of Chinese Medical Texts”

Speaker 2: Lucia CANDELISE, EHESS Paris

“Acupuncture and Chinese Medicine in Italy, from Western Reconstruction to Global Knowledge”

Speaker 3: Maria TIGHE, University of Bristol,
“The Trans-national Chinese Medical Gesture: How the Past becomes Present in a Chinese National Healthy Living Centre (CNHLC) in the UK”

Chair: Caroline HANNAWAY, Historical Consultant

Session IV (Panel 32)	Salon C
“Writing from the Center and Peripheries in Classical Chinese Medicine”	

Speaker 1: CHANG Chia-Feng, National Taiwan University
“Diagnosing the Crying Child: Pediatrics and its Breakthrough during the Jin-Tang Period (265-907)”

Speaker 2: Leslie DE VRIES, Ghent University
“Taiji as a Tool to Counter the Medical Ideas of Zhu Zhenheng in Late Ming Dynasty China”

Speaker 3: Asaf GOLDSCHMIDT, Tel Aviv University,
“Theorizing Chinese Medicine: the Integration of Classical Doctrines into Drug Therapy during the Song dynasty”

Speaker 4: Florence BRETTELLE-ESTABLET, CNRS
“Working, Thinking, and Writing in the Medical Field in the Margins of the Empire: Physicians in Yunnan, Guangxi, and Guangdong in Late Imperial China”

Chair: Reiko SHINNO, University of Wisconsin-Eau Claire

Session V (Panel 23)	West Room 302
“Koreanizing Chinese Medicine?: Problems and Possibilities in Representing Korean Medicine in a Global Setting”	

Speaker 1: SHIN Dong-Won, Korean Advanced Institute of Science and Technology
“Visualizing Korean Medicine: Similarities and Differences in Managing Life and Death during the Chosŏn Dynasty (1392-1910)”

Speaker 2: YEO In-Sok, Yonsei University

“Circulating Adam Schall’s *Hundreds of Signs Testifying God’s Providence*: Korean Response to the Jesuit Translation of the Western Body”

Speaker 3: KIM Nam-Il, Kyung Hee University
“Eastern Medicine On Their Own Terms: Founding the Tradition of Korean Medicine in the Seventeenth Century”

Speaker 4: SUH So-Young, Harvard University
“Herbs of Our Own Kingdom: Layers of the ‘Local’ in the *Materia Medica* of the Chosŏn Dynasty”

Chair: Charlotte FURTH, University of Southern California

Session VI (Panel 20)	East Room 304
“Responses to Astronomical Anomalies in Early China—Scientific, Practical, Socio-cultural”	

Speaker 1: NIU Weixing, Shanghai Jiao Tong University,
“On Zhang Zixin’s Mercury Theory and its Possible Origin”

Speaker 2: David W. PANKENIER, Lehigh University,
“Bringing Heaven Down to Earth in Ancient China”

Speaker 3: SHI Yunli, Hefei University of Science and Technology of China
“Knowledge Secrecy and the Early Ming Assimilation of Islamic Astronomy”

Speaker 4: XU Fengxian, Chinese Academy of Sciences,
“Changing Perspectives on Anomalous Celestial Phenomena in Ancient China”

Chair: SUN Xiaochun, Institute for the History of Natural Sciences

Lunch (on your own)

1:00-1:45 pm Nolan Café or Outside Restaurants

IASTAM Lunch Business Meeting	
1:00-1:45 pm	West Room 302
International Association of the Study of Asian Medicine (IASTAM) General Business Meeting	
If needed, can be continued in same room 3:15-4:15 pm	

Part 2: Needham's *Celestial Lancets* and Wong and Wu's *History of Chinese Medicine*

Speaker 4: Ronald GUILLOUX, Université de Lyon
"Why Acupuncture 'was never appreciated by Westerners until our own time'? From Individual Descriptions to Power-Knowledge Conditions in the French Case (17th – 20th centuries). Tribute to *Celestial Lancets*"

Speaker 5: David LUESINK, University of British Columbia
"Wong and Wu's History of Chinese Medicine: The First Generation of English Scholarship on Chinese Medicine"

Chair: Caroline HANNAWAY, Historical Consultant

Session X (Panel 42)	Salon C
"Technologies of Discipline in Colonial and Modern Korea"	

Speaker 1: SON Min Suh, Johns Hopkins University

"Policing the Colony: Technologies of Discipline and Surveillance in Colonial Korea"

Speaker 2: LEE Jongmin, Virginia Tech
"Drivers and Passengers Disciplined: *Anneyang* and *Jayul* Bus in Seoul, Korea, 1961-1983"

Chair: John DIMOIA, National University of Singapore

Session XI (Panel 43)	East Room 304
"Historiographical Issues and Controversies in China"	

Speaker 1: DENG Honghai, University of Alberta
"A 5,200-Year- Old Binary Information System: Archaeological Evidences Support Leibniz"

Speaker 2: Geoffrey REDMOND, Center for Health Research,
"Empirical and Metaphysical Reasoning in China: Needham's Question Revisited"

Chair: Reiko SHINNO, University of Wisconsin-Eau Claire

Session XII (Panel 31, part 1)	Multipurpose Room
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In Honor of Prof. Nathan Sivin
“Approaches to the History of the Body in Chinese
Medicine”

Part 1: The Liver and the Pancreas

Speaker 1: CHEN Hsiu-fen, National Chengchi University
“Anger, Depression, and the Medical Perceptions of the
Liver in Late Imperial China”

Speaker 2: CHAN Man Sing, University of Hong Kong
“Bless thee, Pancreas, Thou Art Translated!”: The
Pancreas and its Assimilation into Traditional Chinese
Medicine in Late Qing China”

Chair: David CANTOR, National Library of Medicine

Coffee/Tea Break
4:15-4:30 pm

4:30-6:30 pm Evening Sessions (XIII-XVIII)

Session XIII (Panel 41, part 2) Sherwood Room
*In Honor of Prof. HO Peng Yoke's contributions to
building the infrastructure for the ISHEASTM*
“Building Scientific Infrastructure in East Asia and
Beyond”

Part 2: Korea & Japan

Speaker 4: MOON Manyong, Seoul National University
“Introduction and Modification of a Foreign Research
System: The Contract Research System of KIST in the
1970s Korea”

Speaker 5: PARK Buhm Soon, Korea Advanced Institute
of Science and Technology
“An Intellectual Pilgrimage after the Second *Keikoku*:
Japanese Scientists in the U.S. Federal Laboratories”

Speaker 6: KIM Dong-Won, Johns Hopkins University
“The Longer the Stay, The Better the Result?: Yoshio
Nishina's Overseas Study and the Japanese Physics
Community in the Early Twentieth Century”

Co-chairs: Part 1, LIU Dun, Institute of the History of
Natural Sciences

Part 2, Stuart “Bill” LESLIE, Johns Hopkins University

Session XIV (Panel 28, part 2) West Room 302
In Honor of Prof. Shigeru Nakayama
“Colonial Sciences in Japan’s Great East Asian Co-Prosperity Sphere” Organizer: TSUKAHARA Togo

Part 2: Case Studies on Japanese Colonial Sciences

Speaker 4: KIM Sung Won, Seoul National University
“From Korean Apprentice to Entomologist in Nanjing:
Cho Pok Sung as an Example of Colonial Naturalist”

Speaker 5: OH Sun-sil, Seoul National University
“The Transformation of the Electric Power system in
Colonial Korea, 1920s-30s”

Speaker 6: MIYAGAWA Takuya, Seoul National
University
“Japanese Meteorological System and Colonial
Meteorology in Early 20th-Century Korea”

Co-Chairs: KIM Boumsoung, Tokyo University
and SETOGUCHI Akihisa, Osaka Municipal University

Commentator: FAN Fa-ti, State University of New York,
Binghamton

Session XV (Panel 36) Salon C
“History of Biology and the Environment in China and
Japan”

Speaker 1: Hans Ulrich VOGEL, Eberhard Karls
Universität Tübingen
“Technologies and their Environmental Impact: Mining
and Smelting of Copper in Eighteenth- and Nineteenth-
Century Yunnan”

Speaker 2: E. Elena SONGSTER, University of
Oklahoma
“The Evolution of Nature Protection in the PRC—
Theory, Practice, Principle, and Precious Species”

Speaker 3: IIDA Kaori, Johns Hopkins University
“The Lysenko Controversy in Postwar Japan”

Speaker 4: SUMIDA Tomohisa, University of Tokyo

“Transitions of the Relationship between Ecological Scientists and the Conservation of Nature in Japan to 1970”

Chair: Sharon KINGSLAND, Johns Hopkins University

Session XVI (Panel 33)	Salon A
“New Directions in the History and Anthropology of Plants and Healing in East Asia and Southeast Asia”	

Speaker 1: Nurdeng DEURASEH, Co-researchers Dr. Mansor Abu Talib and Husni M. Harun, Universiti Putra Malaysia

“Healing Through Ruqyah (incantation): The Perception of Malay-Muslim Society in Kelantan and Terengganu on Ruqyah as an Alternative Way of Healing in Malaysia: Preliminary Findings”

Speaker 2: HUNG Kuang-chi, Harvard-Yenching Institute
“The Anthropology of a Plant’s Desire: A Spatial History of Ginkgo biloba”

Speaker 3: SUN Yilin, Shanghai Jiao Tong University,
“Study the Properties of “Autumn Mineral” in Ancient China”

Chair: Michele THOMPSON, University of Southern Connecticut

Session XVII (Panel 35)	East Room 304
“Medical Transformations in China and Korea”	

Speaker 1: DU Lihong, Johns Hopkins University, China Academy of Social Sciences

“William H. Welch (1850-1934): Transformations in Medical Education in Early Twentieth-century China”

Speaker 2: KWON Ohmin, Korea Institute of Oriental Medicine

“Contexts and the Re-Invention of Traditional Medicine as National and Superior in Colonial Korea”

Speaker 3: YI Ggodme, Sangji University

“The Experience and Change of Nursing Profession in Korea during Japanese Colonial Wartime Mobilization”

Speaker 4: ZHANG Li, Northwest University

“Chinese Medicine’s Rise and Fall: The Revolution Process as Witness for Medical Science History in East Asia”

Chair: Min Suh SON, Johns Hopkins University

Session XVIII (Panel 31, part 2) Multipurpose Room <i>In Honor of Prof. Nathan Sivin</i> “Approaches to the History of the Body in Chinese Medicine”

Part 2: The Placenta, Inner and Outer Body, and Biopolitics

Speaker 3: LAW Yuen-mei Vicky, City University of Hong Kong, “To Eat or Not to Eat: the placenta as food medicine in Chinese history”

Speaker 4: CHAO Yüan-ling, Middle Tennessee State University
“Ordering the Inner Landscape: Acupuncture and the Body”

Speaker 5: Daniel ASEN, Columbia University
“Vital spots and mortal wounds: Finding cause of death in Qing forensics”

Speaker 6: CHUNG Yuehtsen Juliette, National Tsing Hua University
“Nationalism Versus Colonialism: Eugenics and Biopolitics in China and Hong Kong, 1890s -1990s”

Chair: David CANTOR, National Library of Medicine

Reception

7:00-9:00 pm Glass Pavilion

Sponsored by the Institute for the History of Medicine,
Johns Hopkins School of Medicine

7:30-8:00 Welcoming Remarks and Award Ceremony

Welcoming Remarks , Dr. Randall Packard, Chair, Department of the History of Medicine

Award Ceremony for the Zhu Kezhen Awards Prof. Dr. Paul Ulrich Unschuld, Chair of the Zhu Kezhen Award Committee of the ISHEASTM

Graduate students and Post-docs gathering

9:30 pm~ The Brewer's Art (410-547-6925)

1106 North Charles St <http://www.belgianbeer.com/>

Take the Hopkins Shuttle from 33rd and St. Paul Street to Mount Vernon stop. Walk west to Charles Street and then north about three blocks.

WEDNESDAY, 16 JULY

~Day in Honor of Professor Charlotte Furth~

FIELD TRIP TO WASHINGTON, DC

Breakfast Nolan's Café

6:45-8:30

7:00-7:30 am Buses Depart from 33rd Street
Charles Commons south entry

7:30 am Buses depart to DC

8:30-10:15 am *Against The Odds: Making a Difference in
Global Health* Exhibition and a special East Asian
Collections Display for the 12th ICHSEA Conference
Location: NLM Rotunda and History of Medicine
Division Reading Room

10:30-11:30 am Welcome and Keynote Address
Location: NLM Lister Hall Auditorium

Welcoming Remarks

Elizabeth FEE, Ph.D., Chief, History of Medicine
Division

Keynote Address

“Representing the Body in Edo Japan: The Human Body
in Illustrated Books of the Edo Period, 1615-1868”

Ellis TINIOS, Ph.D., Honorary Lecturer in the School of
History, University of Leeds, and Special Assistant to the
Japanese Section of the Department of Asia, British
Museum

Hosted by: Michael NORTH, Head, Rare Books & Early
Manuscripts, History of Medicine Division,
northm@mail.nih.gov

Paul THEERMAN, Head, Images and Archives, History
of Medicine Division, theermp@mail.nih.gov

Patricia TUOHY, Head, Exhibition Program, History of
Medicine Division, tuohyp@mail.nih.gov

11:30-12:00 pm Drive to Freer/Sackler Galleries
Lunch on buses

12:00-1:30 pm Self-guided Tours of Asian Collection

1:30-2:00 pm Drive to The Library of Congress

2:00-3:00 pm The Library of Congress, General Tours
or Science, Technology, and Business Division Tours, Dr.
Tomoko Steen (Sign-up separately at registration desk)

3:00-4:00 pm The Asian Division Reading Room
Location: Thomas Jefferson Bldg, Room LJ 150

Collection Exhibition of the Collections organized by
Dr. Mi CHU, Head, Scholarly Services, Asian Division

Area Team Coordinators and Specialists will be available
for individual consultations along the book exhibition:

Dr. Ming Poon and Dr. Jeffrey Wang (China and
Mongolia)

Ms. Susan Meinheit (Mongolian and Tibetan medicine)

Mr. Eiichi Ito (Japan)

Ms. Sonya Lee (Korea)

Dr. Kathryn Wellen (Southeast Asia)

Dr. Allen Thrasher (South Asia)

4:00-5:00 pm Public Lecture

Location: LJ-119, Thomas Jefferson Building, LC

“Becoming Alternative? Chinese Medicine in the Modern
World”

Charlotte FURTH, University of Southern California

5:30 pm Buses depart for Baltimore.

Location: TBA

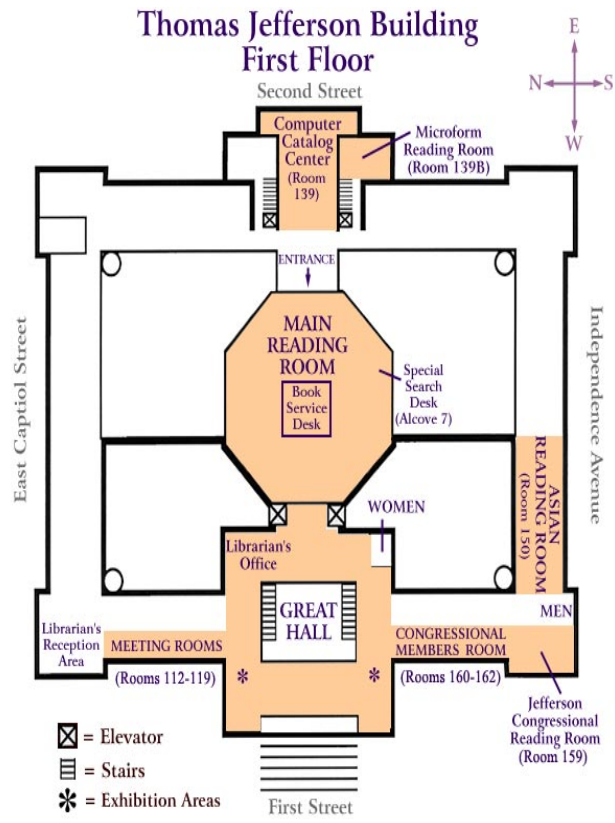
Alternative Transportation:

Participants may also return to Baltimore by train from
Union Station, directly north of The Library of Congress
about three blocks walking distance.

Amtrak: leaves Union Station at 8:30 or 10:00 pm

Marc Train: leaves Union Station at 8:40, 10:45, 11:45 pm

MAP OF THE LIBRARY OF CONGRESS



THURSDAY, 17 JULY

~Day in Honor of Professor Nathan Sivin~

Sponsored by the University of Pennsylvania
School of Arts & Sciences
In appreciation for Professor Sivin's lifetime achievements in his
career and many contributions to the University of Pennsylvania
and the Department of the History and Sociology of Science

Breakfast

7:00-8:30 am Nolan Café

Registration

8-10:30 Entry to Charles Commons Conference Center

Opening Remarks

8:30-9:00 am Glass Pavilion

Christopher CULLEN, Director, Needham Research
Institute, President of the ISHEASTM

Marta HANSON, Co-Chair 12th ICHSEA Baltimore 2008
The Johns Hopkins University

Plenary Lecture

9:00-10:00 am Glass Pavilion

Volker SCHEID, University of Westminster, London
"From Hierarchies to Processes: Integrating Chinese
Medicine into Modern Health Care Systems"

Coffee/Tea Break

10:00-10:30 pm

10:30 am-12:30 pm Morning Sessions (I-VI)

Session I (Panel 5, part 1) Sherwood Room
[Opposite side of Levering Hall from the Glass Pavilion]
In Honor of Prof. Yamada Keiji
"Ritual in the Chinese Healing Arts"

Part 1: The Issue of Efficacy and the Wind as Disease
Vector

Speaker 1: Nathan SIVIN, University of Pennsylvania,
"The Efficacy of Chinese Health Care"

Speaker 2: Terry KLEEMAN, University of Colorado,
“Archaic Traces of Wind as a Disease Vector in Early
Imperial Chinese Medicine”

Co-chairs: Part 1, Laura WONG, National Library of
Medicine
Part 2, Volker SCHEID, University of Westminster

Session II (Panel 18)	Salon A
“Science, Technology, and Medicine in Transit in East Asia, 1944-1993”	

Speaker 1: MA EunJeong, Cornell University
“Science and Democracy: The Case of Herbal Medicines
in South Korea”

Speaker 2: TINN Honghong, Cornell University
“From Do-It-Yourself Computers to Illegal Copies: The
Controversy over Building One's Own Computer in
Taiwan, from 1980 to 1984”

Speaker 3: ITO Kenji, Graduate University for Advanced
Studies, Kanagawa Japan
“Rubber Boots and Particles: High Energy Physics,
Women, and the Local Community in the Early Years of
KEK (National Laboratory for High Energy Physics)”

Speaker 4: NISHIYAMA Takashi, State University of
New York, Brockport
“Kamikaze Technologies against the United States: What
Japanese Engineers Did and Why They Did It, 1944-45”

Chair: FAN Fa-ti, State University of New York,
Binghamton

Session III (Panel 7)	Salon C
<i>In Honor of Prof. Yabuuti Kiyoshi (1906-2000)</i> “General Session on the History of Mathematics in East Asia”	

Part 1: History of Mathematics in China

Speaker 1: Christopher CULLEN, Cambridge University
“Writing and Teaching about Numbers in Early Imperial
China: Constructing a Prosopography”

Speaker 2: CHEN Pei-Ying, Tsing Hua University

“Did Anything Actually Happen to the Oral Formulae?
New Light on the Replacement of Chinese Counting Rods
by the Abacus”

Speaker 3: Jiang-Ping Jeff CHEN, St. Cloud State
University, Minnesota
“*Suanli* (Mathematical Principles) in early- and mid-Qing
China”

Speaker 4: Jiri HUDECEK, University of Cambridge
“Practice and Historiography of Mathematics: A
Preliminary Investigation of Historical Claims about Wu
Wenjun’s Method”

Chair: Part 1, Joseph DAUBEN, Lehman College CUNY
Part 2, LIU Dun, Institute for the History of the Natural
Sciences

Session IV (Panel 40)	West Room 302
“The History of Technology in East Asia”	

Speaker 1: Martin HOFMANN, Max Planck Institute for
the History of Science
“Records on Creators of Strange Machines”

Speaker 2: Peter LORGE, Vanderbilt University
“Gunpowder in Asia”

Speaker 3: CHEN Zhenghong, Beijing Normal University
“Imitationism or Innovationism: Disputes and Fights
between the Two Technical Routes in the History of
Chinese Large Aircraft Development”

Chair: William Rowe, Johns Hopkins University

Session V (Panel 13)	East Room 304
“New 'Communities of Practitioners' and Emerging Forms of Medical Writing in Nineteenth and Twentieth Century Japan”	

Speaker 1: Ann JANNETTA, University of Pittsburgh
“Transforming Communities of Medical Practitioners in
Nineteenth Century Japan”

Speaker 2: Ellen NAKAMURA, University of Auckland
“Translating Western Knowledge in Nineteenth-century
Japan: Psychiatry in the Medical Journal *Taisei mei-i-ikō*
(*Articles by Renowned Western Doctors*, 1837)”

Speaker 3: Aya HOMEI, University of Manchester,
“Medical Journal, Health Economy, and the Urban
Midwife in Modern Japan”

Speaker 4: Akiko ITO, University of Minnesota
“The commodification of electrotherapeutics and its
marketing strategies in modern Japan”

Chair: Michael NORTH, National Library of Medicine

Session VI (Panel 39)	Multipurpose Room
<i>In Honor of Prof. PAN Jixing</i>	
“Philosophical Approaches to Technology in China”	

Speaker 1: HU Huakai, University of Science and
Technology of China
“Confucian Thoughts on Technology in the Spring-
Autumn and Warring-State Periods”

Speaker 2: FENG Jiren, Max Planck Institute for the
History of Science
“Constructed Architectural Knowledge as Professionals
and Literati’s Ideal: The Case of the Tenth-Century
Classic of Timberwork (*Mujing*)”

Speaker 3: KIM Yung Sik, Seoul National University
“Song Yingxing’s Ideas about the Role of Heaven in
Production Techniques: the *Tiangong kaiwu*”

Speaker 4: Iwo AMELUNG, Frankfurt University,
“Popularizing Science and Technology in Late Imperial
China”

Chair: Hans Ulrich VOGEL, Tübingen University

Lunch (on your own)

12:30-2:00 pm Nolan Café or Outside Restaurants

Brown Bag Lunch Session on Cultural Manifolds
12:45-1:45 pm West Room 302
Roundtable discussion on <i>Cultural Manifolds</i> . Please read in advance: Sivin, “A Multi-dimensional Approach to Research on Ancient Science,” EASTM 23 (2005). Paper available on conference website.

2:00-4:00 pm Afternoon Sessions (VIII-XIII)

Session VIII (Panel 5, part 2) Sherwood Room
[Opposite side of Levering Hall from the Glass Pavilion]
In Honor of Prof. Yamada Keiji
“Ritual in the Chinese Healing Arts”

Part 2: Exorcisms and Ritual in Religious and Medical Texts

Speaker 3: Philip S. CHO, IHNS, Beijing, Partner Group of the Max Planck Institute, Berlin, Germany
“Naming the Cause of Illness: *Zhuyou* Exorcism and the Interplay Between Religion Healing and Medicine.”

Speaker 4: Lowell Skar, University of Michigan-Dearborn
Ritual Dimensions of the Religious and Medical Writings of Zhao Yizhen (d. 1382)

Co-chairs: Part 1, Laura WONG, National Library of Medicine

Part 2, Volker SCHEID, University of Westminster

Session IX (Panel 37) Salon A
In Honor of Prof. Xi Zezong
“Western Astronomy and Mathematics in East Asia”

Speaker 1: AHN Young Sook, Korea Astronomy and Space Science Institute, Co-presenter LEE Eun Hee, Yonsei University Observatory
“The Transmission and Assimilation of European Astronomy in Korea during the 17-18th centuries: Focus on the Calendar System and Astronomical Instruments”

Speaker 2: SHIH Ling-Hsuan, National Tsing Hua University
“Yangzhou Scholars’ Eyes on Views of Jesuit Science: Reflections on the *Chouren zhuan*”

Speaker 3: WANG Guangchao, Chinese Academy of Sciences
“The Controversy over the Theory of Precession in Late Ming and Early Qing China”

Speaker 4: LEE Chia-Hua, University of Tokyo
“Imitation, Creation, and Translation: Making Textbooks on Western Mathematics in Nineteenth-Century Japan”

Chair: FUNG Kam-wing, The University of Hong Kong

Session X (Panel 7, part 2) <i>In Honor of Prof. Yabuuti Kiyoshi (1906-2000)</i> “General Session on the History of Mathematics in East Asia”	Salon C
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Part 2: East-West Interactions in Mathematics

Speaker 5: Benno VAN DALEN, Institut für Geschichte der Naturwissenschaften, Ludwig-Maximilians-Universität München

“Mixing Arabic and Chinese Astronomy in the *Huihui lifa*”

Speaker 6: TIAN Miao, Institute for the History of Natural Science, CAS,

“Rejection and Adoption: A Study of the Historical Development of the *Gougu* Method”

Speaker 7: JI Zhigang, Shanghai Jiao Tong University

“Zhang Qiujiang’s Fowls and Fibonacci’s Birds: Some Reflections on the Complexities in the Transmission of Mathematics”

Speaker 8: Joseph W. DAUBEN, Lehman College

“First Generation Historians of Chinese Mathematics East and West: an Overview”

Co-chairs: Part 1, Joseph DAUBEN, Lehman College
CUNY

Part 2, LIU Dun, Institute for the History of the Natural Sciences

Session XI (Panel 16) “The Japanese Imperial University at Home and Abroad”	West Room 302
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Speaker 1: KAJI Masanori, Tokyo Institute of Technology

“Tetsuo Nozoe’s Chemical Research in the Taihoku Imperial University in Taiwan and its Colonial Context”

Speaker 2: KIKUCHI Yoshiyuki, The Graduate University for Advanced Studies, Kanagawa, Japan

“Constructing Laboratory Chemistry Teaching at Japanese Inland Imperial Universities”

Speaker 3: KIM Dong-Won and KIM Geun Bae, Johns

Hopkins University and Chonbuk National University

“Fruitless Tree: Keijo Imperial University and the Development of Science and Engineering in Korea”

Chair: Stuart “Bill” LESLIE, Johns Hopkins University

Session XII (Panel 21)	East Room 304
“Cross-cultural Exchanges in Religion, Medicine, and Science in China”	

Speaker 1: C. Michele THOMPSON, Southern Connecticut State University
“Medical Exchanges Between the Han and the Việt c. 300 BCE-1400 CE.”

Speaker 2: C. Pierce SALGUERO, Johns Hopkins University
“Buddhist Medical Bilingualism: Sanskrit Medical Terminology in Chinese Translation”

Speaker 3: Erik J. HAMMERSTRÖM, Indiana University
“Chinese Buddhist Strategies for Dealing with Science and Scientism, 1919-1949”

Chair: William SUMMERS, Yale University

Session XIII (Panel 9)	Multipurpose Room
“East Asian Modernity: The Post-Colonial State, Science, and South Korean Historiography (1948-present)”	

Speaker 1: KIM Tae-Ho, Seoul National University
“New Rice for Unification and Independence: *Tong-il* Rice and South Korean Agronomy in the 1970s”

Speaker 2: KIM Seong-Jun, Seoul National University
“The First Modern Research Institute in South Korea: The Atomic Energy Research Institute (1959-1973)”

Speaker 3: John DiMOIA, National University of Singapore
“Challenging Nationalist Historiography: Lee Tae-kyu and the Origins of a South Korean Scientific Community (1948-1970)”

Chair: SONG Sang-yong, The Korean Academy of Science and Technology

Coffee/Tea Break

4:00-4:30 pm

Welcome from the President and Plenary Lectures

5:00-6:45 pm Space Telescope Building, also called
the Steven Muller Building, Campus Map H2, #57

William R. BRODY, President, The Johns Hopkins
University

Dagmar SCHAEFER, Max Planck Institute for the
History of Science, "Proprietary Issues in 17th-century
China: Technology, Culture and Beyond"

Nathan SIVIN, The University of Pennsylvania
"Personal Reminiscences of a Generation"

Dinner in Honor of Prof. Sivin

7:00-9:00 pm Café Azafran, Space Telescope Building
Hosted by the Department of the History and Sociology of
Science, University of Pennsylvania

Opening remarks and welcome, Ruth SCHWARTZ
COWAN, Chair, Department of the History and
Sociology of Science, The University of Pennsylvania

FRIDAY, 18 JULY

Breakfast

7:00-8:30 am Nolan Café

Registration

8-10:30 Entry to Charles Commons Conference Center

General Assembly of the ISHEASTM

9:00-10:30 am Glass Pavilion

Coffee/Tea Break

10:30-11:00 am

11:00 am-1:00 pm Morning Sessions (I-IV)

Session I (Panel 4)	West Room 302
"Popular Religion and Artisanal Practice in Late Imperial China"	

Speaker 1: Caroline BODOLEC, CNRS
“Beseeching *tudi gong* approbation: rituals in construction of vernacular houses in Shaanxi province”

Speaker 2: Philip S. CHO, Partner Group of the Max Planck Institute and the Institute for the History of Natural Sciences, Chinese Academy of Sciences
“Sericulture songs and the urbanization of silkworm temples in 18th century Jiangnan”

Speaker 3: Jacob EYFERTH, University of Chicago
“The property of skill: knowledge, community, and spiritual obligation among rural paper makers in Sichuan”

Speaker 4: Andreas JANOUSCH, Universidad Autónoma de Madrid
“Salt production methods and Salt Cults at Xiechi Salt Lake in Southern Shanxi”

Chair: Dorothy KO, Barnard College

Session II (Panel 30)	Salon C
“Buddhists, Dutchmen, and Visionaries: Translators of Science in China and Japan (12th-19th Centuries)”	

Speaker 1: YU Xin, Department of History, Fudan University, Kyoto University
“Assembling the Precious Bits: Knowledge of Minerals in the Manuscript *Takarayôshô*”

Speaker 2: ZUO Ya, Department of East Asian Studies, Princeton University
“Epistemological Construction of Identity: The Concept *chouren* in the treatise *Chouren zhuan*”

Speaker 3: Yulia FRUMER, Princeton University
“Western Scientific Texts in 18th Century Japan: Questioning the Translation Paradigm”

Speaker 4: Shellen Xiao WU, Princeton University
“Lost in Translation: The Introduction of Western Geology to China (1860-1900)”

Chair: Michelle THOMPSON, Southern Connecticut State University

Session III (Panel 8)	East Room 304
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In Honor of Prof. Li Yan (1892-1963) and Prof. Qian Baocong (1889-1974)
“Special Session on the “First Generation” of Historians of East Asian Mathematics”

Speaker 1: ZOU Dahai, Institute of the History of Natural Sciences

“Li Yan: A Pioneer of the History of Chinese Mathematics”

Speaker 2: GUO Jinhai, Institute of the History of Natural Sciences

“Qian Baocong and the History of Mathematics in China”

Speaker 3: XU Yibao, BMCC, CUNY

“America’s Early Interest in Chinese Mathematics”

Speaker 4: Alexei VOLKOV, National Tsing Hua University

“‘First generation’ Historians of Mathematics in Russia, including A.P. Youschkevitch and R. I. Berezkina”

Chair: Joseph DAUBEN, Lehman College CUNY

Session IV (Panel 25, part 1) Multipurpose Room
“Disputed Steps of TCM-Institutionalization: A Historic Debate in China and in Japan”

Part 1: Late 19th to the Early Twentieth Century

Speaker 1: Bridie ANDREWS-MINEHAN, Bentley College

“Medical Reforms in Japan and their Influence in China, 1868-1937”

Speaker 2: LEI Hsiang-lin Sean, Tsing Hua University, Taiwan, “Sovereignty and the Microscope: Constituting Notifiable Infectious Disease and Containing the Manchurian Plague (1910-11)”

Co-Chairs: Part 1, TJ HINRICHS, Cornell University

Part 2 Yi-Li Wu, Albion College

Lunch (on your own)

1:00-2:00 pm Nolan Café or Outside Restaurants

**Bus for The Walters Museum
33rd Street Charles Commons Entrance**

1:30 pm

Conference Participants may also take the Hopkins shuttle. Get on at the shuttle stop on the St. Paul street side of the Barnes & Noble bookstore and get off at the Vernon Square Stop. The Walters Museum is 1 block southwest on the other side of the statue of President Washington.

2:00-4:00 pm Afternoon Sessions (V-VII)

Session V (Panel 12) “Technology and Visual Culture”	West Room 302
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Speaker 1: Angela SHENG, McMaster University
“(Re)viewing the Legend of Huang Daopo: Visualizing Textile Art and Technology on Hainan Island in the 13th Century”

Speaker 2: Roslyn Lee HAMMERS, The University of Hong Kong
“What’s Wrong with this Picture? Reviewing the Viewing Practices of Early Ming Dynasty Illustrations in Technology Manuscripts”

Speaker 3: CHUNG Hyung-Min, Seoul National University
“Practical Learning, Technical Drawing, and Painting in the Late Joseon Korea”

Chair: John MOFFETT, Needham Research Institute

Session VI (Panel 25, part 2) “Disputed Steps of TCM-Institutionalization: A Historic Debate in China and in Japan”	Multipurpose Room
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Part 2: Cases from the Twentieth Century

Speaker 4: Volker SCHEID, Westminster University
“Currents of Tradition in Chinese Medicine”

Speaker 5: Lena SPRINGER, University of Vienna
“How the Narrated Careers of Contemporary Practitioners Relate to and misfit the Historical Context of TCM-institutionalization”

Speaker 6: ZHU Jianping, TCM Academy, Beijing
“Standardization of Chinese Medical Terms, “Comparison
or Unification: Disease Term Selection in Modern Japan
and China, Oriental or Western”

Co-chairs: Part 1, TJ HINRICHS, Cornell University
Part 2, Yi-Li Wu, Albion College

Session VII	The Walters Art Museum Auditorium
2:00-4:00 pm	Public Symposium
“The Archimedes Palimpsest Symposium”	

Speaker 1: William NOEL, Walters Art Museum, Curator
of Manuscripts and Rare Books
“The Archimedes Palimpsest Project at the Walters”

Speaker 2: Abigail QUANDT, Walters Art Museum,
Project Conservator
“On the Conservation of the Archimedes Palimpsest”

Speaker 3: Michael B. TOTH, Walters Art Museum,
Project Manager
“On the Digitalization of the Archimedes Palimpsest”

Speaker 4: Joseph DAUBEN, Lehman College
“Archimedes and Liu Hui on the Circle and the Sphere”

Speaker 5: LIU Dun, Institute of the History of the
Natural Sciences, Beijing
“Archimedes and Archimedean Mathematics in China”

Chair: Karine CHEMLA, Université Paris Diderot

**Coffee/Tea break at The Walters Museum
Tours of Asian Art Collection
4:00-5:00 pm**

**Coffee/Tea break at Charles Commons
4:00-4:30 pm**

**Bus for The Walters Museum
33rd Street Charles Commons Entrance
4:30 pm**

**Tours of Chamber of Wonders
5:00-6:00 pm**

Public Lecture and Book Signing

6:00-7:30 pm Walters Art Museum
Timothy BROOK, University of British Columbia, and
Oxford University
“Vermeer's Hat: The Seventeenth Century and the Dawn
of the Global World”

**Buses Depart from Charles Street Exit
for Homewood 7:30 pm**
Travel to Crab Feast Banquet in Glass Pavilion

**Final Crab Feast Banquet for Conference participants
Banquet Ticket Required**

8:00-11:00 pm Glass Pavilion
Music by The Keswick Triangle Blues Band
Sponsored by the
The Johns Hopkins Federal Credit Union

Clipper City Brewery provided their Pilsner and
the Hopkins Deli provided the National Bohemian
Baltimore's Famous “Natty Bo”