

**Conference Venue**

Mershon Center for International Security Studies  
1501 Neil Ave.  
Columbus, OH 43201

Panels will be held in rooms 120, 204, and 320  
Plenary Address is in Room 120

**Friday Evening Welcome Reception**

The Barrister Club  
Moritz College of Law  
25 West 11th Avenue  
Columbus, OH 43201

**Keynote Address and Conference Dinner**

Faculty Club  
180 South Oval Mall

Conference packets and registration materials can be picked up on Friday evening at the Barrister Club and again on Saturday morning at the Mershon Center.

We encourage you to preregister to ensure your inclusion in the lunch and evening programs.

**<http://history.osu.edu/east-asian-conference/cfp>**

**Science, Technology, and Medicine in East Asia:  
Policy, Practice, and Implications in a Global Context  
Sponsors**

Association for Asian Studies North East Asia Council  
The Mershon Center for International Security Studies – The Ohio State University  
Office of International Affairs – The Ohio State University  
Department of History – The Ohio State University  
East Asian Studies Center/Institute for Japanese Studies – The Ohio State University  
College of Arts and Humanities – The Ohio State University  
Department of History – Eastern Kentucky University  
Office of Institutional Advancement – Utica College

**Friday, October 7**  
**5:00-8:00pm**  
Conference Registration and Welcome Reception

The Barrister Club  
25 West 11th Avenue  
Columbus, OH 43201

**Saturday, October 8**

**Registration: 7:30–8:15am**  
**Mershon Center**

**Session One: 8:30–10:15am**

**Panel 1a. Medicine in East Asia**

*Chair:* Christienne Hinz *Southern Illinois University Edwardsville*

Norihito Mizuno *Akita International University*

“*Kanpo* in Wartime Sino-Japanese Reactions: *Toa Igaku Kyokai* and Its Search for Sino-Japanese Partnership”

Janice Matsumura *Simon Fraser University*

“The Politics of Manic-Depression in Colonial Japan”

Jewel Yun-ju Chen *Oxford University*

“Threat of Crowds and Blocked Waterways: Epidemics and Cities in Song China (960-1279)”

*Discussant:* Yuki Terazawa *Hofstra University*

**Panel 1b. Science and Technology in War and Peace**

*Chair:* Walter Grunden *Bowling Green State University*

Yoshiyuki Kikuchi *Harvard University*

“The Emperor’s Chemist at War and in Peacetime: Joji Sakurai during the Russo-Japanese and First World Wars”

Jurgen Melzer *Princeton University*

“Germany and the Development of Japan’s Aviation in the Interwar Period”

Takashi Nishiyama *State University of New York at Brockport*

“Quiet War at Home: Inter-service Rivalry in the Japanese Military, 1919–42”

*Discussant:* Walter Grunden *Bowling Green State University*

**Panel 1c. Monks, Medical Officers, and the Authorities: Religion, Freedom of the Press, and Military Medicine in the Face of an Epidemic**

*Chair:* David Blaylock *Eastern Kentucky University*

Sumiko Otsubo *Metropolitan State University*

“Freedom of the Press at the Time of War: The Taishō Democracy and the Influenza Pandemic of 1918”

Roberto Padilla *University of Toledo*

“When Precision Obscures: Disease Categories Related to Cholera during the Sino-Japanese War”

William Johnston *Wesleyan University*

“Cholera and Buddhism in Meiji Japan”

*Discussant:* Kevin Doak *Georgetown University*

**Session Two: 10:30am–12:00pm**

**Panel 2a. East met West: Japan at the Turn of the 20<sup>th</sup> Century**

*Chair:* Takashi Nishiyama *State University of New York at Brockport*

Masanori Wada *Tokyo Institute of Technology*

“Class and Identity in Engineering Education: A Case of the Imperial College of Engineering in Tokyo, 1871–1866”

Kevin Fujitani *The Ohio State University*

“‘La Science, Mon Garçon, Est Faite d’Erreurs’: Suzuki Umetaro and His Career in Agricultural Chemistry”

Yulia Frumer *Princeton University*

“Learning the New Time: Reading Western Clocks in Bakumatsu Japan”

**Panel 2b. Help or Hindrance? State, Society, and Technology in Meiji Industrialization**

*Chair:* David Blaylock *Eastern Kentucky University*

Martha Chaiklin *University of Pittsburgh*

“The March Forward: The Mechanization of Shoe Production in Meiji Japan”

David Wittner *Utica College*

“Technique or System? Assessing Technology Transfer in Japan’s Textile Industry”

Julia Yongue *Hosei University*

“Academic–Industry Relations: Interpreting the Role of Nagai Nagayoshi in the Development of New Businesses in the Meiji Period and Beyond”

**Panel 2c. Science, Technology, Medicine, and Empire**

*Chair:* Lisa Onaga *University of California–Berkeley*

Aleksandra Majstorac-Kobiljski *Centre National de la Recherche Scientifique*

“Coke, Christ, and the Japanese Empire”

Kaori Iida *Sokendai*

“Science and Politics of Physiological Genetics in Wartime Japan”

John DiMoia *National University of Singapore*

“By Consent or Coercion? Re-evaluating the Legacy of the Michigan Memorial Phoenix Project in Northeast Asia, 1955–1965”

**Lunch: 12:30–1:30pm**  
Mershon Center Room 110

**Plenary Session: 1:30–2:30pm**  
Mershon Center Room 110

**Dr. James R. Bartholomew**  
*The Ohio State University*

“Is There Anything Unique About Modern Japanese Science?”

**Session 3: 2:45–4:00pm**

**Panel 3a. Creating Scientific and Medical Knowledge in East Asia**

*Chair:* Norihito Mizuno *Akita International University*

Shin Kwon Kim

“Contesting a New Medical Gaze on the Body”

Song Tian *Beijing Normal University*

“A Study of Experimental Technology and Scientific Technology Exemplified by Chinese and Western Medicine”

Chang Chi-yu *National Yang Ming University*

“Image, Metaphor and Laboratory: The National Yang Ming University, ‘Image Processing Lab’ as an Example”

Zhiying Ma *University of Chicago*

“Early Chinese Psychiatry’s Construction of the Family and their Aftermath”

**Panel 3b. Medicine, Bodies, Empire, War and Its Aftermath**

*Chair:* Sumiko Otsubo *Metropolitan State University*

Alexander Bay *Chapman University*

“Bottoms and Bathrooms: Hemorrhoids, Medicine, and Toilet Construction in Japanese History, 984–1965”

Suzuki Akihito *Keio University*

“War, Democracy, and the Historiography of the Health Center in Modern Japan, c. 1930–1950”

Hirokawa Waka *Osaka University*

“A Colony of a Sanitarium? A Comparative History of Segregation Politics of Hansen’s Disease in Modern Japan”

*Discussant:* Brett Walker *Montana State University*

**Panel 3c. Science and Medicine in Modern Japan**

*Chair: Christienne Hinz Southern Illinois University Edwardsville*

Rotem Kowner *University of Haifa*

“The Mongolian Spot of Dr. Baelz: German Medicine and its Contributions to the Racial Discourse in Meiji Japan”

Kathryn Tanaka *University of Chicago*

“‘They are not Human’: Medical and Literary Interventions into Hansen’s Disease Patient Writing”

Akiko Ishii *Cornell University*

“New Polity and New Survey: Statisticians’ Discussion on the Census in Meiji Japan”

Jessamyn Abel *Pennsylvania State University*

“TechNation: The Postwar Development of a ‘New Japan’”

**Special Event: 4:45–5:45pm**

Thompson Library  
1858 Neil Avenue Mall

*Japanese Science, Technology and Medicine:  
Visual Resources for History in  
Collections of the Ohio State University Libraries*

**6:00–9:00pm**

**Conference Dinner and Keynote Address**

**Ohio State University Faculty Club**

181 S Oval Mall

**Dr. Sharon Traweek**

*University of California–Los Angeles*

“Japanese Scientists and Global Science Policies:  
Building Trust, Commons, and Civil Society”

**Sunday, October 9**

**Session 4: 8:30–10:00am**

**4a. Science, Technology, and the Environment**

*Chair:* Christienne Hinz *Southern Illinois University Edwardsville*

Philip Brown *The Ohio State University*

“Brute Force Technologies in Early Modern Japan: The Case of Flood Hazard Amelioration”

Julia Adeney Thomas *University of Notre Dame*

“Japanese Answers to Global Climate Questions”

Christine Marran *University of Minnesota*

“The Domestic Turn in Japanese Environmental Writing”

**4b. Science for the People” Managing Public Health, Science Education and the Home**

*Chair:* Roberto Padilla *University of Toledo*

Hiromi Mizuno *University of Minnesota*

“Science Education Reform in the 1910s”

Mire Koikari *University of Hawaii*

“Scientific Domesticity and Cold War Militarism in the US Occupation of Okinawa, 1945–1972”

Aya Homei *University of Manchester*

“The Science of Population and Public Health in Postwar Japan”

**Panel 4c. Nuclear Japan: Research and 3/11 Crisis**

*Chair:* David Wittner *Utica College*

Kenji Ito *Sokendai*

“Building a Research Tradition in Japanese Physics”

Tomoko Steen *Library of Congress*

“From Atomic Bombs to Fukushima: Japanese Experiences of Atomic Radiation on Humans”

Yuki Terazawa *Hofstra University*

“The Interplay of Knowledge and Power in the History of Nuclear Power Plant Accidents in Japan and the Fukushima Disaster”