

# Where in the World are Japanese STM Documents?

Searching the documents from the WWII and beyond



Chair: Tomoko Y. Steen, Ph.D.,  
Science, Technology and Business Division,  
the Library of Congress

## **Speakers**

Tomoko Y. Steen, Science, Technology and  
Business Division, the Library of Congress,  
Department of History, Johns Hopkins University

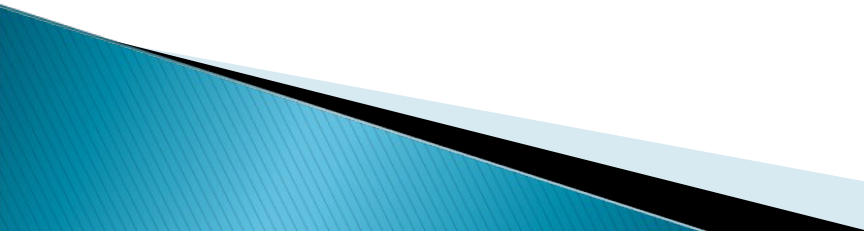
Kaori Maekawa, Nationaal Archief  
(National Archives of the Netherlands),  
Institute of Asian Cultures, Sophia University

## **Special Guest**

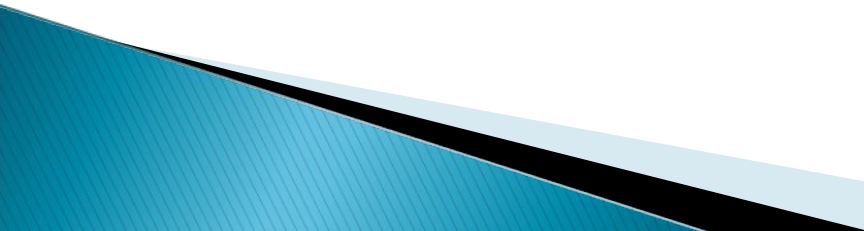
Pauljac Verhoeven, Director,  
Royal Home for Retired Military Personnel and  
Museum, Bronbeek, Nadeland

## The Purpose of the Round Table is to:

- ▶ introduce our “Committee on East Asian STM” to European Japanese Specialists (both archivists and researchers)
- ▶ Expand the network of “East Asian STM” (Google Group) to Europe
  - Please email me: [tste@loc.gov](mailto:tste@loc.gov)
- ▶ Identify East Asian STM items and researchers in Europe

- ▶ Covered period is from ancient to present
  - ▶ Identified individuals (librarians/archivists and researchers who work on Asian STM) and invited them to the WG
  - ▶ Participating in “War and Peace” project—funded by JSPS
  - ▶ Collaborating with Cold Spring Harbor Archives for oral histories of scientists in Asia
  - ▶ Collaborating in the “Empires of Fly”—History of Drosophila Genetics in Japan/funded by NSF
  - ▶ Guides and web-guides includes references on East Asian STM at the Library of Congress
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# Gave talks on East Asian STM at:

- ▶ History of Science Society/Philosophy of Science Society, Pittsburgh, 2009
  - ▶ CEAL (Council for East Asian Library, 2009)
  - ▶ AAS (Association for Asian Studies, 2009, 2010)
  - ▶ 4S (International Society for Social Studies of Science, 2009, 2010)
  - ▶ International Society for the History, Philosophy and Social Studies of Biology, Brisbane, Australia, 2009
  - ▶ EAJRS (European Association for Japanese Research Specialist, 2010)
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“Asian nations invest in their science and technology through education and funding – foundation for their economic growth”

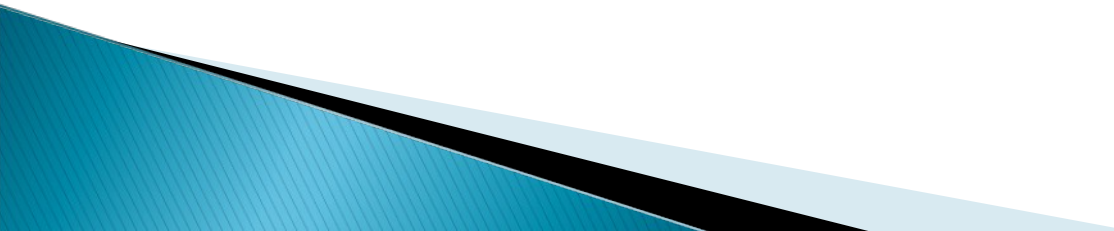
**Science and technology in Asia are growing rapidly and producing high level research**

Thus, growing importance of science and technology in Asia, **more demands of information** on Asian science and technology by researchers in North America, Europe, Australia, and other parts of Asia



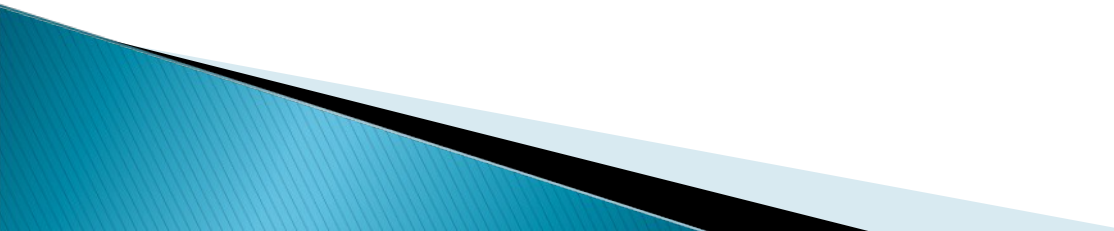


# Yet,

- ▶ Locations of Asian STM materials are hard to find for researchers.
  - ▶ While, in fact, variety of materials are available outside of Asian countries, and archivists are dying to introduce their treasures, but no idea where to go.
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# Asian STM Workshop/Round Table Series

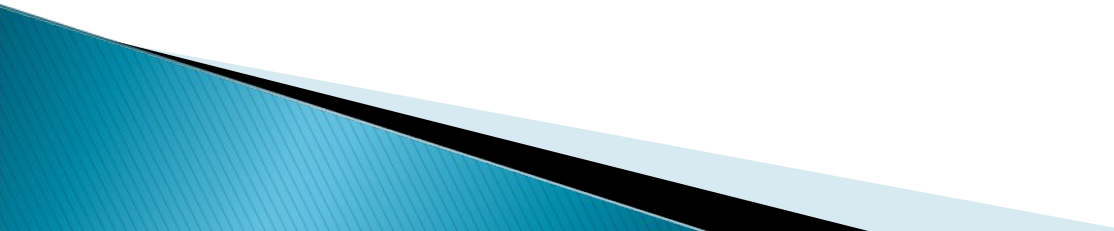
- ▶ Serves as a meeting point for researchers and archivists/librarians
  - ▶ Place for information exchange among participants: historical to the current science and technology; or science and technology policies
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# Discovering STM Treasures in the “Captured Document” Sets at the Library of Congress

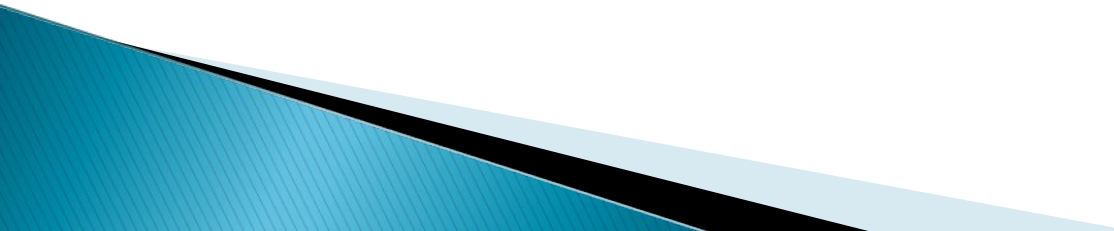


Tomoko Y. Steen, Ph.D.  
Science, Technology and Business Division  
The Library of Congress

# Origins of the Collections

- ▶ Identifying treasures before the end of the WWII
  - ▶ GHQ's visits
  - ▶ Hiring experts to capture and organize
  - ▶ Storing documents in appropriate archives
  - ▶ Different routes to obtain STM documents and objects
  - ▶ Updates of the collections
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# Reading Rooms that provide Japanese STM materials

- ▶ Asian Reading Room
  - ▶ Science, Technology and Business Reading Room
  - ▶ Geography and Map Reading Room
  - ▶ Motion Picture Reading Room
  - ▶ Manuscript Reading Room
  - ▶ Prints and Photograph Reading Rooms
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# South Manchuria Collections



# Before you visit...

- ▶ **Key words should be used to find “captured documents from the online catalog at the LOC website “before your visit”** <http://www.loc.gov/> “

Japanese Biomedical Experimentation During the World-War  
, part of the

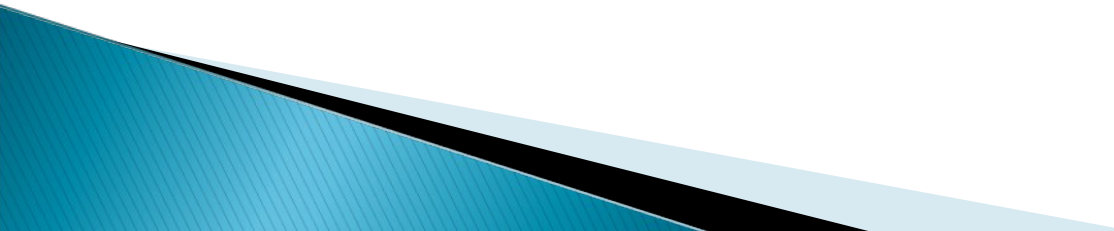
**The Textbooks of Military Medicine Series**

maintained by the The Borden Institute of the U.S. Army Medical Department Center and School. Or search the Library of Congress catalog under

**World War, 1939-1945 Prisoners and prisons, Japanese**

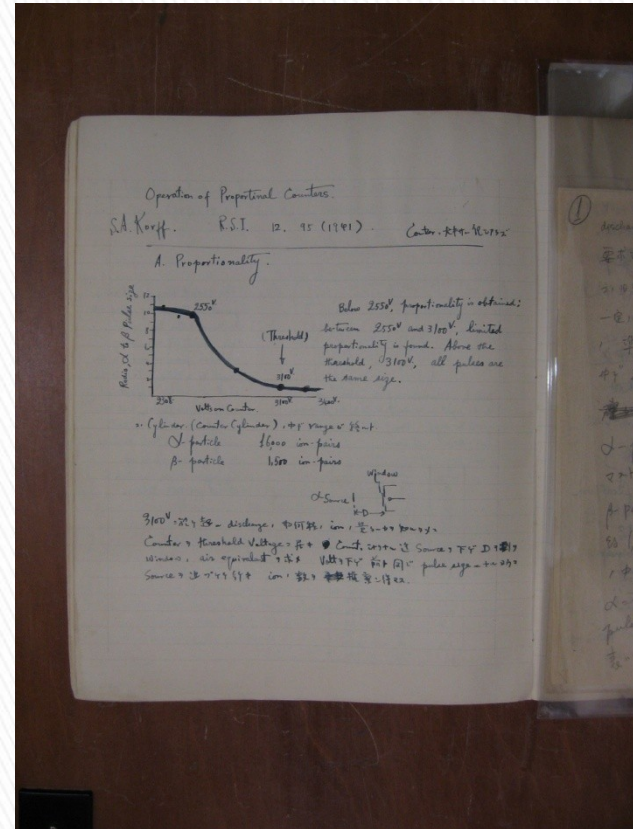
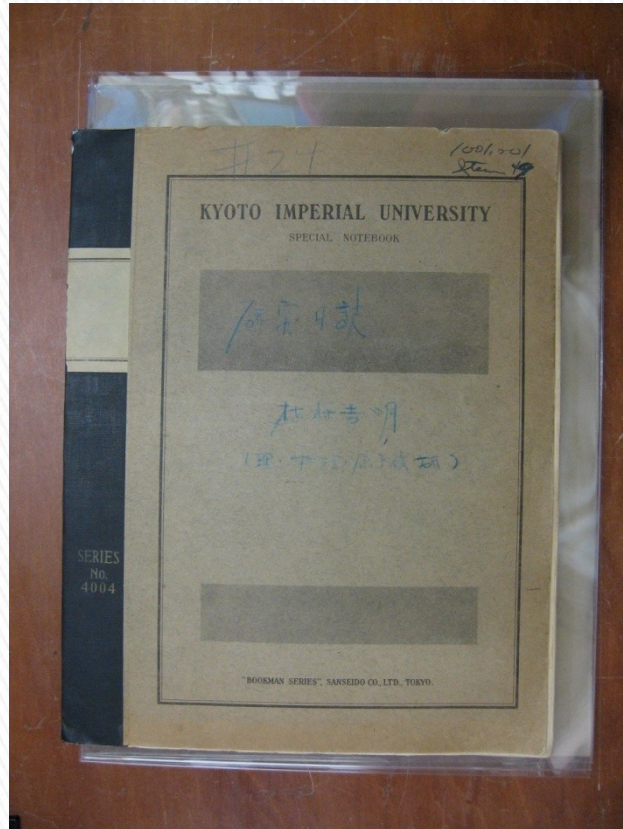
. The National Archives also holds several thousand documents on Japanese biological warfare in their **Japanese War Crimes** collection.

# Rare items found from the “Captured Materials”

- Notebooks by two nuclear physicists
  - Uemura and Shimizu involved in building atomic bombs at Kyoto University’s Arakatsu Research Lab
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# Arakatsu Research Lab Notes



# Boken 2-bu 防研2部 (reports by bioweapons specialists during WWII)

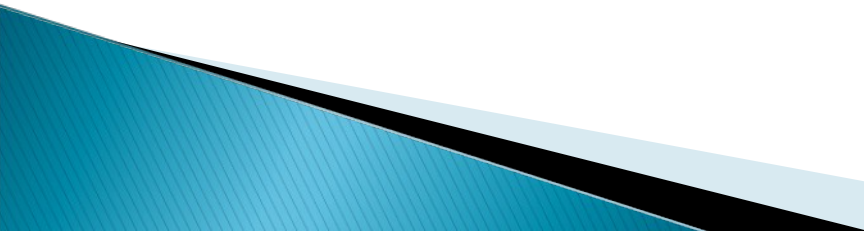


# Unit 731 documents

The pages have been placed in polyester sleeves and preserved in 16 archival boxes (the reports were also photocopied and bound as a preservation measure). The individual titles are: Report of A; Report of G; and, Report of Q (Parts 1 & 2; and, Parts 3 & 4) - the letters represent the biological agents studied: A, for anthrax; G, for glanders; and Q, for plague. Some of the descriptions of human tissues and organs include illustrations, some of which are color coded. Originally classified prior to transfer to the Library from the Dugway, Utah, Proving Ground library, the security level has been downgraded over the years, from Secret, to Confidential, and finally (as of 1960) Unclassified.

# Science, Technology and Business Reading Room

## Technical Reports and Standards Section

- ▶ The original Unit 731 reports in English (hand-typed and color pencil drawings of body parts, and slides of tissue samples) A, G, Q reports
  - ▶ Diary of Masuda (one of the main officers of Unit 731)
  - ▶ Schematics or drawings of airplanes from WWII
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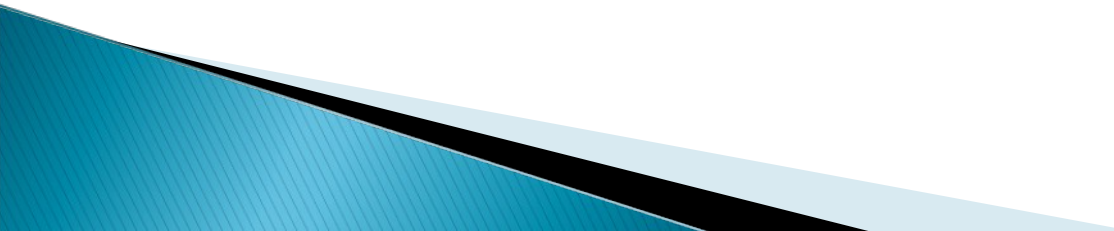


# Geography and Map Reading Room

- ▶ Ino Tadataka Map (Complete except for four sheets)
- ▶ Survey map of Japanese colonies during WWII (China, Taiwan, Southeast Asia) by Japanese
- ▶ First survey map of Korea—dispute of territory
- ▶ Climate information map on East and Southeast Asia by Japanese during WWII

Contact: Min Zhang at: [mzha@loc.gov](mailto:mzha@loc.gov), or Tammy Wong at [twon@loc.gov](mailto:twon@loc.gov)

# Motion Picture Reading Room

- ▶ Japanese propaganda films
  - ▶ Japanese films on “how to build air planes” from WWII
  - ▶ Japanese documentary films on industrial and technology developments
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# Manuscript Reading Room

Letters and notes by Americans and Europeans who visited Japan from the 1800s

-- Margaret Sanger

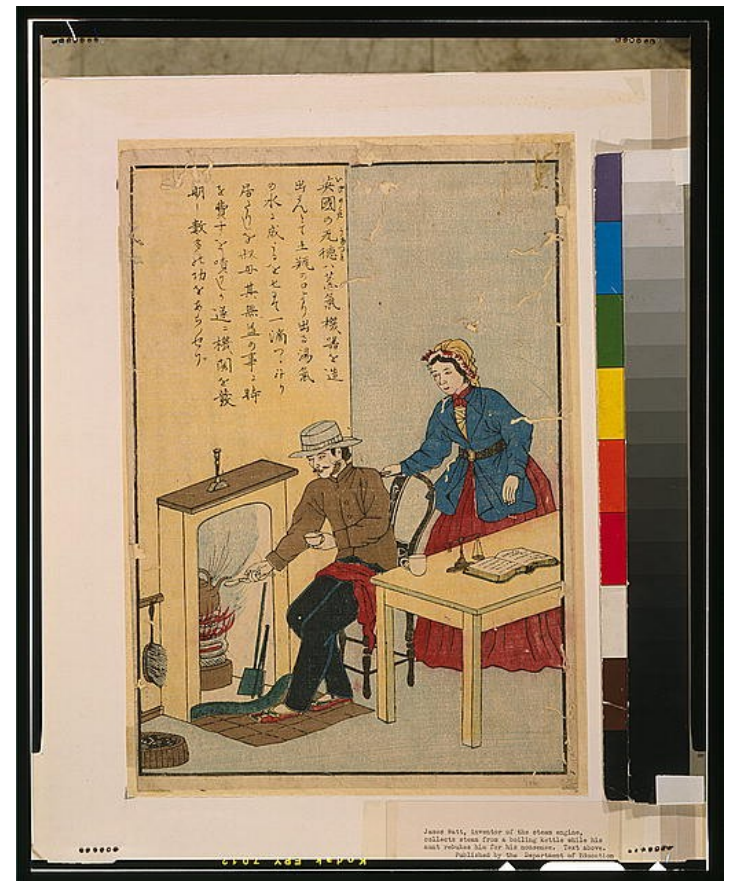
Letters and documents by American and British POWs who were by Japanese during the Pacific War



# Prints and Photograph Reading Room

- ▶ Wood-cut prints on technology education, Expo etc.
  - steam engines
  - steam trains
  - hot air balloons
  - machines

Please contact Katherine Blood  
at: [kblo@loc.gov](mailto:kblo@loc.gov)



# Reports of the United States Strategic Bombing Survey (USSBS)

World War II Allied bombing campaigns: The Library of Congress holds a complete set of USSBS reports documenting the military, economic and morale effects of the bombing in the European and Pacific Theaters (some of these reports are also held in TRS as part of the Publications Board (PB) collection)

**We still have a large number of  
documents yet to be organized at the  
Library of Congress!**