

Reading Seminar on Science and Medicine in Modern China
Spring Quarter 2000 UCSD
Weds. 3:30-6:30 HSS 3086

WEEK 1, April 5 **FIRST MEETING** (We will all read the articles listed below)

WEEK 2, April 12 **HISTORIOGRAPHY**

Needham. 1964. "Science and China's Influence on the World."

Sivin. 1982. "Why the Scientific Revolution Did Not Take Place in China-or Didn't It?"

Cohen. 1994. "Why the Scientific Revolution Eluded China" & "The Harvest . . ."

Hart. 1999. "Beyond Science and Civilization: A Post-Needham Critique."

Low. 2000. "Beyond Joseph Needham: Science, Technology, and Medicine in East . . ."

WEEK 3, April 19, **JESUITS**

Needham. 1958. Chinese Astronomy and the Jesuit Mission: An Encounter of Cultures.

Sivin. 1973. "Copernicus in China."

Jami. 1994. "Learning Mathematical Science During the Early and Mid-Ch'ing."

Chu Pingyi. 1997. "Scientific Dispute in the Imperial Court: The 1664 Calendar Case."

Hart. 1999b. "Translating Worlds: Incommensurability and Problems of Existence . . ."

WEEK 4, April 26, **SCIENCE & MEDICINE IN THE QING**

Peterson. 1975. "Fang I-chih: Western Learning and the "Investigation of Things.""

Furth. 1986. "Blood, Body, and Gender: Medical Images of the Female Condition . . ."

Cullen. 1993. "Patients and Healers in Late Imperial China: Evidence from the . . ."

Widmer. 1996. "The Huanduzhai of Hangzhou and Suzhou . . ."

WEEK 5, May 3, **SCIENCE IN REPUBLICAN CHINA**

Wang Hui. 1995. "The Fate of 'Mr. Science' in China."

Wright. 1997. "The Great Desideratum."

Xu Xiaoqun. 1997. "'National Essence' vs. 'Science': Chinese Native Physicians. . ."

WEEK 6, May 10, **WESTERN MEDICINE & COLONIALISM**

Andrews. 1997. "Tuberculosis and the Assimilation of Germ Theory in China."

Levine. 1999. "Modernity, Medicine, and Colonialism."

Heinrich. 1999. "Handmaids to the Gospel."

WEEK 7, May 17, **PSYCHIATRY, EUGENICS, & CULTURAL PATHOLOGIES**

Evans. 1995. "Defining Difference."

Shapiro. 1998. "The Puzzle of Spermatorrhea."

Chen. 1999. "Translating Psychiatry and Mental Health."

Sang. 1999. "Translating Homosexuality."

WEEK 8, May 24, **SCIENCE IN MAOIST CHINA**

Li Peishan. 1988. "Genetics in China"

Schneider. 1989. "Learning from Russia."

Yao Shuping. 1989. "Chinese Intellectuals and Science."

WEEK 9, May 31, **SCIENCE & MEDICINE IN POST-MAO CHINA**

Farquhar. 1987. "Problems of Knowledge in Contemporary China."

Scheid. 1994. "Home and Away: In Search of Chinese Medicine."

Chen. 1995. "Urban Spaces and Experiences of Qigong."

Daubin. Unpublished draft. "Mathematics and Ideology."

WEEK 10, June 7, **ENVIRONMENT, ECONOMY, & SOCIETY**

Selections from Elvin and the China Quarterly. 1998.

WEEK 1, April 5 FIRST MEETING

WEEK 2, April 12 HISTORIOGRAPHY

- Needham, Joseph. 1954. *Science and Civilization in China, Vol. I: Introductory Orientations*. With research assistance of Wang Ling. Cambridge, England: Cambridge University Press.
- _____. 1956. *Science and Civilization in China, Vol. II: History of Scientific Thought*. With research assistance of Wang Ling. Cambridge, England: Cambridge University Press.
- _____. 1964. "Science and China's Influence on the World," 234-308. In Raymond Dawson, ed., *The Legacy of China*. Boston: Cheng & Tsui Co., 1990.
- _____. 1969. *The Grand Titration: Science and Society in East and West*. London: George Allen & Unwin Ltd., 1969.
- Elvin, Mark. 1973. *The Pattern of the Chinese Past*. Stanford: Stanford University Press.
- Sivin, Nathan. 1982. "Why the Scientific Revolution Did Not Take Place in China_or Didn't It?" *Chinese Science* 5: 45-66.
- _____. 1985. "Max Weber, Joseph Needham, Benjamin Nelson: The question of Chinese science." In Eugene Victor Walter, ed., *Civilizations East and West: A Memorial Volume for Benjamin Nelson*. Atlantic Highlands, NJ: Humanities Press.
- _____. 1988. "Science and Medicine in Imperial China__The State of the Field." *JAS* 47:41-90.
- _____. 1990. "Science and Medicine in Chinese History," 164-196. In Paul S. Ropp, ed., *Heritage of China: Contemporary Perspectives on Chinese Civilization*. Berkeley: University of California Press.
- Bodde, Derk. 1991. *Chinese Thought, Society, and Science: The Intellectual and Social Background of Science and Technology in Pre-modern China*. Honolulu: University of Hawaii Press.
- Dorn, Harold. 1991. *The Geography of Science*. Baltimore: Johns Hopkins Press.
- Huff, Toby E. 1993. *The Rise of Early Modern Science: Islam, China, and the West*. Cambridge, England: Cambridge University Press.
- Cohen, Floris H. 1994. "Joseph Needham as a Pioneer in Cross-Cultural History of Science," and "Contributions of Non-Western Science to the Scientific Revolution," 418-438, in *The Scientific Revolution: A Historiographical Inquiry*. Chicago: University of Chicago Press.

- _____. 1994. "Why the Scientific Revolution Eluded China," and "The Harvest of the Comparative Route," 439-488, in *The Scientific Revolution*.
- Brook, Timothy. 1996. "The Sinology of Joseph Needham." *Modern China* 22.3: 340-8
- Blue, Gregory. 1997. "Joseph Needham__A Publication History." *Chinese Science* 14:90-132.
- Richards, Peter. 1997. "Builder of Bridges." *Cambridge Alumni Magazine* (Easter 1997): 15-18.
- Jami, Catherine; Lowell Skar; Hashimoto, Keizo. 1995. *East Asian Science: Tradition and Beyond*. Osaka, Japan: Kansai University.
- Hart, Roger. 1999a. "Beyond Science and Civilization: A Post-Needham Critique." *EASTM* 16: 88-114.
- _____. 1999b. "On the Problem of Chinese Science." In Mario Biagioli, ed., *The Science Studies Reader*. New York: Routledge.
- Kim, Yung Sik; Bray, Francesca. 1999. *Current Perspectives in the History of Science in East Asia*. Seoul: Seoul National University Press.
- Low, Morris, ed. 2000. *Beyond Joseph Needham: Science, Technology, and Medicine in East and Southeast Asia*. Osiris series, volume 13. University of Chicago Press.
- WEEK 3, April 19 JESUITS IN CHINA**
- Needham, Joseph. 1958. *Chinese Astronomy and the Jesuit Mission: An Encounter of Cultures*. London: The China Society. Pp. 1-20.
- Wong, George C. 1963. "China's opposition to Western science during the late Ming and early Ch'ing." *Isis* 54: 29-49.
- Spence, Jonathan. 1969. *To Change China: Western Advisers in China, 1620-1960*. Penguin Books, 1980. See ch. 1 "Schall and Verbiest: To God Through the Stars," 3-33.
- Nathan Sivin. 1973. "Copernicus in China," 1-53, in his *Science in Ancient China: Researches and reflections*. England/Vermont: Variorum, Ashgate Publishing, 1995.
- Gernet, Jacques. 1982. *China and the Christian Impact: A Conflict of Cultures*. Translated by Janet Lloyd. England: Cambridge University Press, 1985.
- _____. 1993-4. "Space and Time: Science and Religion in the Encounter Between China and Europe." *Chinese Science* 11: 93-102.

- Spence, Jonathan. 1984. *The Memory Palace of Matteo Ricci*. New York: Viking Penguin.
- _____. "Spence on Needham." *Review Symposia_ISIS* 75.1:180-189.
- Huang Yi-long. 1991. "Court Divination and Christianity in the K'ang-Hsi Era," *Chinese Science* 10: 1-20.
- _____. 1996. "The Evolution and Decline of the Ancient Chinese Practice of Watching for the Ethers" *Chinese Science* 13: 82-106.
- Martzloff, Jean-Claude. 1993-4. "Space and Time in Chinese Texts of Astronomy and of Mathematical Astronomy in the Seventeenth and Eighteenth Centuries." *Chinese Science* 11: 66-92.
- Jami, Catherine. 1994. "Learning Mathematical Science During the Early and Mid-Ch'ing." In Benjamin A. Elman and Alexander Woodside, eds., *Society and Education in Late Imperial China, 1600-1900*. Berkeley: University of California Press.
- Chu Pingyi. 1994. "Technical Knowledge, Cultural Practices, and Social Boundaries: An-nan Scholars and the Recasting of Jesuit Astronomy, 1600-1800." Ph.D. Dissertation, UCLA.
- Jami, Catherine. 1995. "Western Devices for Measuring Time and Space: Clocks and Euclidian Geometry in Late Ming and Ch'ing China." In Chun-chieh Huang and Erik Zürcher, in *Time and Space in Chinese Culture, 169-200*. New York: E.J. Brill.
- Hart, Roger. 1997. "Proof, Propaganda, and Patronage: A Cultural History of the Dissemination of Western Studies in Seventeenth-Century China." Ph.D. Dissertation, UCLA.
- Chu Pingyi. 1997. "Scientific Dispute in the Imperial Court: The 1664 Calendar Case," *Chinese Science* 14: 7-34.
- Elvin, Mark. 1998. "Who Was Responsible for the Weather? Moral Meteorology in Late Imperial China." *Osiris* 13: 213-237.
- Hsia, Frances. 1998. "French Jesuits and the mission to China: Science, religion, history." Ph.D., Dissertation, University of Chicago.
- Hart, Robert. 1999c. "Translating the Untranslatable: From Copula to Incommensurable Worlds," 45-73. In Lydia Liu, ed., *Tokens of Exchange: The Problem of Translation in Global Circulations*. Durham: Duke University Press.
- _____. 1999d. "Translating Worlds: Incommensurability and Problems of

Existence in Seventeenth-Century China.” *Positions: East Asia Cultures Critique* 7.1: 95-128.

Zhang, Qiong. 1999. “Demystifying Qi: The Politics of Cultural Translation and Interpretation in the Early Jesuit Mission to China, 74-106. In Lydia Liu, ed., *Tokens of Exchange: The Problem of Translation in Global Circulations*. Durham: Duke University Press.

Martzloff, Jean-Claude. 1999. *A History of Chinese Mathematics*. Originally published in French as *Histoire des mathématiques chinoises* (1987).

Waley-Cohen, Joanna. 1999. *The Sextants of Beijing: Global Currents in Chinese History*. New York/London: W.W. Norton & Company. See ch. 2, “China and Catholicism in the Sixteenth Through Eighteenth Centuries,” 55-91.

Wardy, Robert. 2000. *Aristotle in China: Language, Categories and Translation*. England: Cambridge University Press.

WEEK 4, April 26 SCIENCE & MEDICINE IN THE QING

Peterson, Willard. 1973. “Western Natural Philosophy Published in Late Ming China.” *Proceedings of the American Philosophical Society* 117.4: 295-322.

_____. 1975. “Fang I-chih: Western Learning and the ‘Investigation of Things.’” *The Unfolding of Neo-Confucianism*. Wm. T. de Bary et al, eds. New York: Columbia University Press.

_____. 1979. *Bitter Gourd: Fang I-chih and the Impetus for Intellectual Change*. New Haven: Yale University Press.

Dunstan, Helen. 1975. “The Late Ming Epidemics: A Preliminary Survey.” *Ch’ing-shih wen-t’i* 3.3: 1-59.

Henderson, John. 1984. *The Development and Decline of Chinese Cosmology*. New York: Columbia University Press.

Cass, Victoria. 1986. “Female Healers in the Ming and the Lodge of Ritual and Ceremony.” *Journal of the American Oriental Society* 106.1:233-40.

Furth, Charlotte. 1986. “Blood, Body, and Gender: Medical Images of the Female Condition in China.” *Chinese Science* 7:43-66.

_____. 1987. “Concepts of Pregnancy, Childbirth, and Infancy in Ch’ing Dynasty China.” *JAS* 46.1:7-35.

_____. 1988. “Androgynous Males and Deficient Females: Biology and Gender Boundaries in Sixteenth- and Seventeenth-Century China.” *Late Imperial China*

9.2: 1-31.

- _____. 1992. With Chen Shu-yueh. "Chinese Medicine and the Anthropology of Menstruation in Contemporary Taiwan." *Medical Anthropology Quarterly* 6.1: 27-48.
- _____. 1994. "Rethinking van Gulik: Sexuality and Reproduction in Traditional Chinese Medicine." In Christina K. Gilmartin, Gail Hershatter, et al., eds., *Engendering China: Women, Culture and the State*, 125-46. Cambridge, Mass.: Harvard University Press.
- _____. 1995. "From Birth to Birth: The Growing Body in Chinese Medicine." In Anne Behnke Kinney, ed., *Chinese Views of Childhood*, 157-191. Honolulu: University of Hawai'i Press.
- Leung, Angela. 1987. "Organized Medicine in Ming-Qing China." *Late Imperial China* 8.1:134-165.
- Fisher, Carney. 1988. "Smallpox, Salesmen, and Sectarians: Ming-Mongol Relations in the Jiajing Reign (1522-67)." *Ming Studies* 25: 1-23.
- Elman, Benjamin. 1990. *From Philosophy to Philology: Intellectual and Social Aspects of Change in Late Imperial China*. Harvard East Asian Monographs 110. Cambridge, Mass.: Harvard University Press.
- Cullen, Christopher. 1993. "Patients and Healers in Late Imperial China: Evidence from the *Jinpingmei*." *History of Science* 31: 99-150.
- Kuriyama, Shigehisa. 1993. "Concepts of Disease in East Asia." In Kenneth Kiple, ed., *The Cambridge World History of Human Disease*, 52-59. Cambridge University Press.
- Bray, Francesca. 1995. "A Deathly Disorder: Understanding Women's Health in Late Imperial China." In Don Bates, ed., *Knowledge and the Scholarly Medical Traditions*, 235-250. Cambridge, England: Cambridge University Press.
- Chao Yuan-ling. 1995. "Medicine and Society in Late Imperial China: A Study of Physicians in Suzhou." Ph.D. Dissertation, UCLA.
- Katz, Paul. 1995. *Demon Hordes and Burning Boats: The Cult of Marshall Wen in Late Imperial Chekiang*. SUNY Series in Chinese Local Studies. Albany: SUNY Press.
- Chang Chia-feng. 1996. "Aspects of Smallpox and Its Significance in Chinese History." Ph.D. Dissertation, SOAS, University of London.
- Grant, Joanna. 1996. "Wang Ji's 'Shishan yi'an': Aspects of Gender and Culture in Ming Dynasty Medical Case Histories." Ph.D., Dissertation, SOAS, University

of London.

- _____. 1998. "Medical Practice in the Ming Dynasty—A Practitioner's View: Evidence from Wang Ji's *Shishan yi'an*." *Chinese Science* 15:37-80.
- Widmer, Ellen. 1996. "The *Huanduzhai* of Hangzhou and Suzhou: A Study in Seventeenth-Century Publishing." *Harvard Journal of Asiatic Studies* 56.1:77-122.
- Bray, Francesca. 1997. *Technology and Gender: Fabrics of Power in Late Imperial China*. Berkeley: University of California Press.
- Hanson, Marta. 1997. "Inventing a Tradition in Chinese Medicine: From Universal Canon to Local Medical Knowledge in South China, The Seventeenth to the Nineteenth Century." Ph.D., Dissertation, University of Pennsylvania.
- Chang Che-chia. 1998. "The Therapeutic Tug of War- The Imperial Physician-patient Relationship in the Era of Empress Dowager Cixi (1874-1908)." Ph.D. Dissertation, University of Pennsylvania.
- Howard, Paul. 1998. "Opium Oppression in Qing China: Responses to a Social Problem, 1729-1906. Ph.D., Dissertation, University of Pennsylvania.
- Wu, Yili. 1998. "Transmitted Secrets: The Doctors of the Lower Yangzi Region and Popular Gynecology in Late Imperial China." Ph.D. Dissertation, Yale University.
- Furth, Charlotte. 1999. *A Flourishing Yin: Gender in China's Medical History, 960-1665*. Berkeley: University of California Press.
- Waley-Cohen, Joanna. 1999. *The Sextants of Beijing: Global Currents in Chinese History*. New York/London: W.W. Norton & Company. See ch. 3, "Foreign Goods and Foreign Knowledge in the Eighteenth Century," 92-128.
- WEEK 5, May 3 SCIENCE IN REPUBLICAN CHINA**
- Kwok, D.W.K. 1965. *Scientism in Chinese Thought 1900-1950*. New Haven: Yale University Press.
- Garrett, Shirley S. 1970. *Social Reformers in Urban China: The Chinese Y.M.C.A., 1895-1926*. Cambridge, Mass.: Harvard University Press.
- Buck, Peter. 1980. *American Science and Modern China: 1876-1936*. Cambridge: Cambridge University Press.
- Pusey, J. R. 1983. *China and Charles Darwin*. Cambridge, Mass.: Harvard University Press.
- Haas, William J. 1988. "Botany in Republican China: The Leading Role of Taxonomy," 31-64. In Bowers, Hess, and Sivin.

- _____. 1996. *China Voyager: Gist Gee's Life in Science*. Armonk, N.Y.: M.E. Sharpe.
- Schneider, Laurence A. 1988. "Genetics in Republican China," 3-30. In Bowers, Hess, and Sivin.
- Yang, Tsui-hua. 1988. "The Development of Geology in Republican China, 1912-1937," 65-90. In Bowers, Hess, and Sivin.
- _____. 1993. *The Development of Geology in Republican China, 1912-1937*. Dordrecht: Kluwer Academic.
- Kirby, William C. 1989. "Technocratic Organization and Technological Development in China: The Nationalist Experience and Legacy, 1928-1953," 23-44. In Simon and Goldman, eds. *Science and Technology in Post-Mao China*.
- Reardon-Anderson, James. 1991. *The Study of Change: Chemistry in China, 1840-1949*. Cambridge: Cambridge University Press, 1991.
- Wang Hui. 1995. "The Fate of 'Mr. Science' in China: The Concept of Science and Its Application in Modern Chinese Thought." *Positions* 3:1: 1-68.
- Wright, David. 1995. "The Transmission of Western Science into China, 1840-1900." Ph.D. Dissertation, School of Oriental and African Studies, University of London.
- _____. 1997. "The Great Desideratum: Chinese Chemical Nomenclature and the Transmission of Western Chemical Concepts." *Chinese Science* 14: 35-70.
- _____. 1998. "The Translation of Modern Western Science in Nineteenth-Century China, 1840-1895." *Isis* 89: 653-673.
- Lin, Xiaoqing C. 1997. "Social Science and Social Control: Empirical Scientific Theories and Chinese Uses." *Chinese Science* 14: 71-89.
- Xu, Xiaoqun. 1997. "'National Essence' Vs 'Science': Chinese Native Physicians' Fight for Legitimacy, 1912-37." *Modern Asian Studies* 31.4: 847-877.
- Broadwin, Julie. 1999. "Intertwining Threads: Silkworm Goddesses, Sericulture Workers and Reformers in Jiangnan, 1880s-1930s." Ph.D. Dissertation, UCSD.
- WEEK 6, May 10 WESTERN MEDICINE, SCIENCE, & COLONIALISM**
- Wong, Chimin and Wu Lien-Teh. 1936. *History of Chinese Medicine: Being a Chronicle of Medical Happenings in China from Ancient Times to the Present Period, Second Edition*. Taipei, R.O.C.: Southern Materials Center, Inc.
- Hsu, Francis L. K. 1952. *Religion, Science and Human Crises*. London: Routledge and

- Kegan Paul. Repr. Westport: Greenwood Press. 1973.
- _____. 1983. *Exorcising the TroubleMakers: Magic, Science, and Culture*. Contributions to the Study of Religion, No. 11. Westport, CT: Greenwood Press.
- Croizier, Ralph C. 1968. *Traditional Medicine in Modern China: Science, Nationalism, and Tensions of Cultural Change*. Cambridge, Mass.: Harvard Univ. Press, 1968.
- Spence, Jonathan. 1969. *To Change China: Western Advisers in China, 1620-1960*. Penguin Books.
- Bowers, John Z. 1972. *Western Medicine in a Chinese Palace: Peking Union Medical College, 1917-1951*. Philadelphia: The Josiah Macy, Jr. Foundation.
- Lampton, David. 1977. *The Politics of Medicine in China: The Policy Process, 1949-1977*. Boulder, Colo.: Westview Press.
- Bullock, Mary Brown. 1980. *An American Transplant: The Rockefeller Foundation and Peking Union Medical College*. Berkeley: University of California Press.
- Lucas, AnElissa. 1982. *Chinese Medical Modernization: Comparative Policy Continuities, 1930-1980s*. New York, N.Y.: Praeger.
- Carol Benedict. 1988. "Bubonic Plague in Nineteenth-Century China." *Modern China* 14.2: 107-55.
- Chen, C.C. 1989. *Medicine in Rural China: A Personal Account*. Berkeley: University of California Press.
- Minden, Karen. 1994. *Bamboo Stone: The Evolution of the Chinese Medical Elite*. Toronto: University of Toronto Press.
- Yip, Ka-che. 1995. *Health and National Reconstruction in Nationalist China: The Development of Modern Health Services, 1928-1937*. Ann Arbor: Association for Asian Studies, Inc.
- Fisher, Carney. 1995-6. "Bubonic Plague in Modern China: An Overview." *Journal of the Oriental Society of Australia* 27 & 28: 57-104.
- Andrews, Bridie J. 1996. "The Making of Modern Chinese Medicine, 1895-1937." Ph.D. Dissertation, Cambridge University.
- _____. 1997. "Tuberculosis and the Assimilation of Germ Theory in China, 1895-1937." *Journal of the History of Medicine and Allied Sciences* 52:1:114-157.
- Benedict, Carol. 1996a. *Bubonic Plague in Nineteenth-Century China*. Stanford: Stanford University Press.

- _____. 1996b. "Framing Plague in China's Past." In Gail Hershatter, et al., eds., *Remapping China: Fissures in Historical Terrain*, 27-41. Stanford: Stanford University Press.
- _____. 1996c. "Epidemiology and History: An Ecological Approach to the History of Plague in Qing China." *Chinese Environmental History Newsletter* 3.1 (May):6-11.
- Rogaski, Ruth. 1996. "From Protecting the Body to Defending the Nation: The Emergence of Public Health in Tianjin, 1859-1953." Ph.D. Dissertation, Yale University.
- Fan Fa-ti. 1998. "British Naturalists in China, 1760-1910." Ph.D., Dissertation, University of Chicago.
- Levine, Philippa. 1998. "Modernity, Medicine, and Colonialism: The Contagious Diseases Ordinances in Hong Kong and the Straits Settlements." *Positions: East Asia Cultures Critique* 6.3: 675-705.
- Heinrich, Larissa N. 1999. "Handmaids to the Gospel: Lam Qua's Medical Portraiture," 239-275. In Lydia Liu, ed., *Tokens of Exchange: The Problem of Translation in Global Circulations*. Durham: Duke University Press.
- Lei Hsiang-lin. 1999. "When Chinese Medicine Encountered the State: 1910-1949." Ph.D., Dissertation, University of Chicago.
- WEEK 7, May 17 PSYCHIATRY, EUGENICS, & CULTURAL PATHOLOGIES**
- Shapiro, Hugh. 1995. *The View from a Chinese Asylum: Defining Madness in 1930s Peking*. Ph.D. Dissertation. Harvard University.
- _____. 1998. "The Puzzle of Spermatorrhea in Republican China." *Positions: East Asia Cultures Critique* 6.3: 551-596.
- Dikötter, Frank. 1992. *The Discourse on Race in Modern China*. Stanford: Stanford University Press.
- _____. 1995. *Sex, Culture, and Modernity in China: Medical Science and the Construction of Sexual Identities in the Early Republican Period*. London: Hurst and Co.
- _____. 1997. *The Construction of racial identities in China and Japan: Historical and contemporary perspectives*. London: C. Hurst; Honolulu: University of Hawai'i Press.
- _____. 1998. *Imperfect Conceptions: Medical Knowledge, Birth Defects, and Eugenics in China*. New York: Columbia University Press.

- Evans, Harriet. 1995. "Defining difference: The 'scientific' construction of sexuality and gender in the People's Republic of China." *Signs: Journal of Women in Culture and Society* 20: 357-394.
- Chen, Nancy N. 1999. "Translating Psychiatry and Mental Health in Twentieth-Century China," 305-327. In Lydia Liu, ed., *Tokens of Exchange: The Problem of Translation in Global Circulations*. Durham: Duke University Press.
- Sang, Tze-lan Deborah. 1999. "Translating Homosexuality: The Discourse of *Tongxing'ai* in Republican China (1912-1949)," 276-304. In Lydia Liu, ed., *Tokens of Exchange: The Problem of Translation in Global Circulations*. Durham: Duke University Press.
- WEEK 8, May 24 SCIENCE IN MAOIST CHINA**
- Suttmeier, Richard P. 1974. *Research and Revolution: Science Policy and Societal Change in China*. Lexington, Mass. Lexington Books.
- Orleans, Leo, ed. 1980. *Science in Contemporary China*. Stanford: Stanford University Press.
- Goldman, Merle. 1981. *China's Intellectuals: Advice and Dissent*. Cambridge, Mass.: Harvard University Press.
- Volti, Rudi. 1982. *Technology, Politics, and Society in China*. Boulder, Colorado: Westview Press.
- Xu Liangying, Fan Dainian. 1982. *Science and Socialist Construction in China*. Edited by Pierre M. Perrolle. Armonk, New York: London: M.E. Sharpe.
- Feurtado, Gardel MacArthur. 1986. *Mao Tse-tung and the politics of science in communist China, 1949-1965*. Ph.D. Dissertation, Stanford.
- Bowers, John Z., J. William Hess, and Nathan Sivin, eds., 1988. *Science and Medicine In Twentieth-Century China: Research and Education*. Ann Arbor: Center of Chinese Studies, The University of Michigan.
- Lewis, John Wilson; Xue Litai. 1988. *China Builds the Bomb*. Stanford: Stanford University Press.
- _____. 1994. *China's Strategic Seapower: the Politics of Force Modernization in the Nuclear Age*. Stanford: Stanford University Press.
- Li, Peishan. 1988. "Genetics in China: The Qingdao Symposium of 1956." *Isis* 79: 227-36.
- Simon, Denis; Detleff Rehn. 1988. *Technological Innovation in China: the Case of*

Shanghai's Electronics Industry. Cambridge, Mass.: Ballinger Publishing Co.

Schneider, Lawrence. 1988. *Lysenkoism in China: Proceedings of the 1956 Qingdao Genetics Symposium*. Armonk, New York: M.E. Sharpe.

Schneider, Laurence. 1989. "Learning from Russia: Lysenkoism and the Fate of Genetics in China, 1950-1986," 45-68. In Simon and Goldman, eds.

Wu Dingbo, and Patrick Murphy, eds. 1989. *Science Fiction From China*. New York: Praeger.

Yao Shuping. 1989. "Chinese intellectuals and science: A history of the Chinese Academy of Sciences (CAS)." *Science in Context* 3:447-473.

Wang, Yeu-farn. 1993. *China's Science and Technology Policy, 1949-1989*. Aldershot, England; Brookfield, Vermont; Hong Kong; Singapore; Sydney: Avebury.

Chang, Iris. 1999? *The Silkworm Missile*.

WEEK 9, May 31 SCIENCE AND MEDICINE IN POST-MAO CHINA

Farquhar, Judith. 1987. "Problems of Knowledge in Contemporary Chinese Medical Discourse." *Social Science and Medicine* 24:12: 1013-1021.

Saich, Tony. 1989. *China's Science Policy in the 1980s*. Manchester, England: Manchester University Press; Atlantic Highlands, NJ: Humanities Press International.

Simon, Denis Fred; and Merle Goldman. 1989. *Science and Technology in Post-Mao China*. Harvard Contemporary China Series: 5. Cambridge, Mass.: The Council on East Asian Studies, Harvard University.

Fang Li-chih. 1991. *Bringing Down the Great Wall: Writings on Science, Culture, and Democracy in China*. New York: Knopf.

Farquhar, Judith. 1991. "Objects, Processes, and Female Infertility in Chinese Medicine." *Medical Anthropology Quarterly* 5.4: 370-399.

_____. 1992. "Time and Text: Approaching Chinese Medical Practice Through Analysis of a Published Case." In Charles Leslie, and Allan Young, eds., *Paths to Asian Medical Knowledge*, 62-74. Berkeley: University of California Press.

_____. 1994. *Knowing Practice: The Clinical Encounter of Chinese Medicine*. Boulder, Colorado: Westview Press.

_____. 1994. "The archive, the past, the doctor as agent." *The European Journal of Oriental Medicine* (August):20-21.

- _____. 1995. "Re-writing traditional medicine in post-Maoist China," 251-276. In Don Bates, ed., *Knowledge and the scholarly medical traditions*. England: Cambridge University Press.
- _____. 1996. "'Medicine and Changes are One': An Essay in Divination Healing with Commentary." *Chinese Science* 13: 107-134.
- Scheid, Volker. 1994. "Home and Away: In Search of Chinese Medicine." *The European Journal of Oriental Medicine* (Autumn):14-19.
- Guldin, Gregory Eliyu. 1994. *The Saga of Anthropology in China: From Malinowski to Moscow to Mao*. New York: Sharpe.
- Chen, Nancy. 1995. "Urban Spaces and Experiences of Qigong." In Deborah Davis, ed., *Urban Spaces: Autonomy and Community in Post-Mao China*. Cambridge University Press.
- Handwerker, Lisa. 1995. "The Hen That Can't lay an Egg ('Bu Xia Dan de Mu Ji') Conceptions of Female Infertility in Modern China." In Jennifer Terry and Jacqueline Urla, eds., *Deviant Bodies: Critical Perspectives on Difference in Science and Popular Culture*. Bloomington: Indiana University Press.
- Pearson, Veronica. 1995. *Mental Health Care in China: State Policies, Professional Services and Family Responsibilities*. Gaskell Publishing House.
- Williams, James H. 1995. *Fang Lizhi's Big Bang: Science and Politics in Mao's China*. Ph. D. Dissertation, University of California, Berkeley.
- Miller, Lyman H. 1996. *Science and Dissent in Post-Mao China: The Politics of Knowledge*. Seattle/London: University of Washington Press.
- White, Sidney. ? Ph.D., Dissertation on Chinese Medicine in the South.
- Scheid, Volker. 1998. Ph.D., Dissertation, Cambridge University.
- Hsu, Elisabeth. 2000. *The Transmission of Chinese Medicine*. Cambridge Studies in Medial Anthropology 7. England: Cambridge University Press.
- Daubin, Joseph. 2000. "Mathematics and Ideology: The Politics of Infinitesimal," 1-61. Unpublished Draft.
- WEEK 10, June 7 ENVIRONMENT, ECONOMY, & SOCIETY**
- Boxer, Baruch. 1988. "China's Three Gorges Dam: Questions and Prospects." *The China Quarterly* 113 (March):94-108.

- Edmonds, Richard L. 1991. Book Review of Forests and Forestry in China: Changing Patterns of Resource development. *The China Quarterly* 127 (September):630-631.
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