

Curriculum Vitae

Jiun-Yu Liu 劉俊昱

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Research Interests

Cultural interactions, migration and trade diaspora, exchange and trade, Metal Age, archaeometallurgy, Taiwan, Southeast Asia, South China Sea maritime region

Education

2015 PhC, Anthropology, University of Washington

2014 MA, Anthropology, University of Washington

2011 MA, Anthropology, National Taiwan University

2005 BA, Finance, National Taiwan University

Dissertation Projects

Re-thinking the Emergence of Iron Metallurgy in Taiwan: a Trade Diaspora Model

- Iron Slag and Sourcing Study in Ancient Eastern Taiwan.
- Geochemical Sourcing of Ceramics in Eastern Taiwan.
- GIS Mapping of Black Pottery and its Associated Archaeological Remains in Eastern Taiwan.

Other On-going Research Projects

- The Application of Luminescence Dating on the Prehistoric Ceramics in eastern Taiwan. Work with Prof. James Feathers at the University of Washington. [URL](#)
- Ancient DNA (aDNA) Studies of the Blihun Hanben People. Work with Prof. Hui-Yuan Ivy Yeh at the Nanyang Technological University, Singapore; Prof. Chuan-Chao Wang at the Xiamen University; Prof. David Emil Reich at the Harvard University; Prof. Yi-Chang Liu at the National Cheng Kung University.
- Ancient Diet of Blihun Hanben People. Work with Prof. Hui-Yuan Ivy Yeh at the Nanyang Technological University, Singapore; Prof. Xinyi Liu at the Washington University in St. Louis; Prof. Yi-Chang Liu at the National Cheng Kung University.

Publications

Masters Thesis

2011 *Research on Excavated Bricks from the Taipei Machinery Bureau (Taipei Arsenal) Site*, Department of Anthropology, National Taiwan University.

Publication in Preparation

Liu, Jiun-Yu

Invited as book chapter A Craftspeople Settlement, a Trading Post or Both? – a Ceramic Perspective on the Blihun Hanben remains, paper revised from the presentation in the Conference of Maritime Exchange and Localization across the South China Sea 500BC-500AD, National Cheng Kung University, Taiwan,

November 9-10, 2018.

Liu, Jiun-Yu

Invited as journal article Local Reaction to the Intertwined Maritime Silk Road and Austronesian Road-a Taiwan Archaeological Perspective. in the special issue of Journal of Global History

Journal Articles (*=peer reviewed)

Liu, Jiun-Yu*

2017 Kaoguxueshang De Kexue Dingnianfa 考古學上的科學定年法 (The Absolute Dating Methods in Archaeological Studies), Science Development 科學發展, 540.

Liu, Jiun-Yu

2010 Weiqi Liangzhou De Xiaoxing Tianye 為期兩週的小型田野 (Two weeks field experiences of a small excavation in the Hoa Diem site, Vietnam), Renlei Yu Wenhua 人類與文化 (*Man and Culture*), 41.

Conference Papers (selected)

Liu, Jiun-Yu

2018 A Craftspeople Settlement, a Trading Post or Both? a Trade Diaspora Model for the Early Ancient Metallurgy in Taiwan – a case study on the Blihun Hanben remains, paper presented in Maritime Exchange and Localization across the South China Sea 500BC-500AD, National Cheng Kung University, Taiwan, November 9-10, 2018.

Liu, Jiun-Yu

2018 Fired it up: the Bloom of Metal Age in Taiwan, paper presented in the Panel: Transmission, Transportation and Transition: the Flow of Materials and Ideas Around the South China Sea Maritime Region. In the 21st Congress of Indo-Pacific Prehistory Association, Hue, Vietnam, September 23-28, 2018.

Liu, Jiun-Yu

2018 The Emergence of Iron Metallurgy in Taiwan: a Trade Diaspora Model, paper presented in Re-thinking Ancient Globalisation, University of Wales Trinity Saint David Lampeter campus, UK, May 8-10, 2018.

Liu, Jiun-Yu

2017 Metal Pyrotechnology in Prehistoric Taiwan and adjacent region, paper present in Workshop of RESONA project, National Museum of the Philippines, Manila, February 28th - March 1st, 2017.

Liu, Jiun-Yu, Hui-Yuan Ivy Yeh, and Yi-Chang Liu

2016 A Preliminary Result of the Carbon and Nitrogen Stable Isotope Analysis of the Hanben Site, paper presented in 2015 Nian Taiwan Kaogu Gongzuo Huibao 2015 年臺灣考古工作會報 (Taiwan archaeology annual work reports in 2015), National Museum of Prehistory, Taitung, June 4-6, 2016.

Liu, Jiun-Yu

2016 Trade Diaspora in Prehistoric Eastern Taiwan, paper presented in 81st Annual Meeting of the Society for American Archaeology, Orlando, Florida, April, 2016.

Liu, Jiun-Yu

2012 The preliminary study of porcelain artifacts in Japanese colonial period in Taiwan,

paper presented in 7th Worldwide Conference of the Society of East Asian Archaeology, Fukuoka, Japan, June, 2012.

Conference Poster

Ivy Hui-Yuan Yeh, Jiun-Yu Liu, Yi-Chang Liu, Chuan-Chao Wang, David Emil Reich
2018 Ancient DNA (aDNA) Studies of the Hanben People, poster presented in the Annual Meeting of Society for Archaeology of Taiwan, National Cheng Kung University, Tainan, July 6-7, 2018.

Book Sections (selected)

Liu, Yi-ch'ang, Jiun-Yu Liu and Biling Chen

2008 Jieyun Beimenzhan Qingmo Taibeifu Chengqiang Ji Jiqiju Yiji Kaogu Shijue Qimo Baogaoshu 捷運北門站清末台北府城牆暨機器局遺跡考古試掘期末報告書 (*The final excavation report of the late Qing Taipei City Wall and Taipei Arsenal Site*), Qiantian/ Zhanghong Lianhe Chenglanshang (前田/長鴻聯合承攬商), Taipei.

Liu, Yi-ch'ang

2004 Gaoxiongshi Zuoyingjiucheng Yizhi Fanweinei "Waixinglong Yingqu" Kaoqu Shijue Jihua Qimo Baoqao 高雄市左營舊城遺址範圍內「外興隆營區」考古試掘計畫期末報告 (*The final excavation report of the Zuoyingjiucheng Yizhi site*), co-author with Yi-ch'ang Liu for Chap. 4 of this report, Institute of History and Philology, Academia Sinica, Taipei.

Laboratory Experience

2018 SEM-EDX and Reflective optical microscopy in the EPMA lab in the Institute of Earth Science of Academia Sinica, Taipei, Taiwan. Supervisor: Dr. Yoshi IIZUKA.

2018 LA-ICPMS in the Elemental Analysis Facility at the Field Museum, Chicago, USA. Supervisor: Dr. Laure Dussubieux.

2016-18 Petrography Laboratory in the Department of Geosciences at the National Taiwan University, Taipei, Taiwan. Supervisor: Prof. CHEN, Wen-Shan.

2016 Burker M4 Tornado Micro X-ray Fluorescence (μ -XRF) in the Department of Material Science at the University of Washington, USA. Supervisor: Tuesday Kuykendall.

2013 Bruker Tracer III-V Light Element Analyzer in the Department of Anthropology at the University of Washington. Supervisor: Jack Johnson.

Professional Training and Certifications

2016 Certificate of Online Fire Extinguisher Training; Online Fume Hood Safety Training; Online gas safety certificate; Online Managing Lab Chemicals Certificate.

2015 Certificate from the Conference Teaching and Learning through the Center for Teaching and Learning at the University of Washington.

2006 Underwater Heritage First Seed Program in Taiwan.

Teaching Experience

- 2019 Guest lecturer, topic 'Mortuary in Archaeology', in Archy369 Ethnoarchaeology in winter quarter at the University of Washington. Instructor Prof. Sven Haakanson.
- 2019 Teaching assistant of Archy205 Principle of Archaeology in winter quarter at the University of Washington. Instructor Prof. Ben Fitzhugh.
- 2016 Teaching assistant of Archy561 Dating Method in Archaeology in autumn quarter at the University of Washington. Instructor Prof. James Feathers
- 2015 Teaching assistant of Archy369 Ethnoarchaeology in winter quarter at the University of Washington. Prof. Sven Haakanson.
- 2012 Guest lecturer, topic 'Historical archaeology in Taiwan', course of 'Culture and Cultural Heritage' at the Hsing Tian Kong Community College.
- 2012 Guest lecturer, topic 'Classification in archaeology' in the course of 'Seminar of Taiwan archaeology' at the National Chi Nan University.

Fellowships, Grants, Awards

- 2019 Departmental Graduate Conference Travel Grant, University of Washington
- 2019 Graduate and Professional Student Senate (GPSS) Travel Grant Award, University of Washington
- 2018 NSF subsidized projects at the Elemental Analysis Facility.
- 2018 Seed Grant for ICP-MS research, University of Washington.
- 2017 QRC Research Award, University of Washington.
- 2016 Chester Fritz Fellowship from Graduate School, University of Washington.
- 2015 Pilot Research Grant from the Anthropology Department at the University of Washington.
- 2012-2016 Fellowship for studying historical and underwater archaeology in United States, Taiwanese governmental scholarship for overseas study from MOE (Ministry of Education).

Archaeological Fieldwork Experience

- 2018 Team member. RESONA project of ancient maritime interactions in South China Sea.
- 2015 Team member. Ishigaki Underwater Archaeology Project.
- 2012 Principle Investigator. Rescue archaeology and cultural resources evaluation project of the Taibei Jiqiju (Taipei Arsenal) site, late historical and contemporary site.
- 2011 Field trip to the Batanes islands and the National Museum of the Philippines, collected archaeological data for research about the interaction between Philippine and Taiwan in prehistory and underwater archaeology. Organizer: Takashi SAKAI, Institute of Art History, National Taiwan University.
- 2011 Field trip to the Tokyo Metropolitan Archaeological Center. Conduct research on historic ceramics in Japan and exchange information. Co-worker: Dr. Shinya NAGASAKO.
- 2010 Field excavator and recorder. Participated the archaeology fieldwork at Hoa Diem site, Iron Age site in southern Vietnam.
Director: Mariko YAMAGATA (Waseda University, Japan, Faculty of Letters,

- Arts and Sciences, Associate Professor)
- 2010 Project organizer and excavation recorder. This is the second stage of cultural resources management fieldwork at Taibei Jiqiju (Taipei Arsenal) site, late historical and contemporary site.
Director: Yi-ch'ang Liu (Research Fellow of the Institute of History and Philology, Academia Sinica)
- 2010 Field trip the National Museum of Vietnamese History and Da Nang Museum of Cham Sculpture, collected data of trade ceramics and the Champa culture.
Organizer: Takashi SAKAI, Institute of Art History, National Taiwan University
- 2010 Project organizer and excavation recorder. Archaeology and cultural resources evaluation fieldwork at Dashawan(大沙灣) site, late historical site in Keelung city, northern Taiwan, fortress of Qing Dynasty.
Director: Yi-ch'ang Liu (Research Fellow of the Institute of History and Philology, Academia Sinica)
- 2009 Field trip to Penang, Malaysia, collected data about the diasporic overseas Chinese and Islamic material cultures. Organizer: Takashi SAKAI, Institute of Art History, National Taiwan University
- 2008 Field trip to Indonesia, collected data of trade ceramics. Organizer: Takashi SAKAI, Institute of Art History, National Taiwan University
- 2007- 2008 Field excavation recorder. Rescue archaeology project of the Taibei Jiqiju (Taipei Arsenal) site, a late historical and contemporary site.
Director: Yi-ch'ang Liu (Research Fellow of the Institute of History and Philology, Academia Sinica)
- 2007 Field excavation organizer and recorder. Archaeology fieldwork in Fengshan (鳳山) site, an administrative city of southern Taiwan in Qing Dynasty.
Director: Yi-ch'ang Liu (Research Fellow of the Institute of History and Philology, Academia Sinica)
- 2007 Underwater culture heritage recorder. Underwater archaeology survey in Shenao (深澳) area, Northeastern Taiwan.
Director: Yi-ch'ang Liu (Research Fellow of the Institute of History and Philology, Academia Sinica)
- 2007 Field excavator and recorder. Archaeology fieldwork at Dongsha (東沙) site, a small island in South China Sea.
Director: Yi-ch'ang Liu (Research Fellow of the Institute of History and Philology, Academia Sinica)
- 2005 Field excavator and recorder. Archaeology fieldwork at Fort Zeelandia site, a fortress of VOC in Tainan, southern Taiwan in 17th century.
Director: Yi-ch'ang Liu (Research Fellow of the Institute of History and Philology, Academia Sinica)
- 2004 Field excavator and recorder. Archaeology fieldwork of the Zuoyingjiucheng (左營舊城) site, an administrative city of southern Taiwan in the Qing Dynasty.
Director: Yi-ch'ang Liu (Research Fellow of the Institute of History and Philology, Academia Sinica)
- 2004 Field excavator and recorder. Research excavation of the Niumatou (牛罵頭) and

Zhongshe (中社), Neolithic sites in Taichung, central Taiwan.
Director: Yi-ch'ang Liu (Research Fellow of the Institute of History and Philology, Academia Sinica)

Other Employment

2013-2014 Consultant of 'Exhibition of Contemporary Archaeology and Taipei Arsenal Site Project'. This project is the first attempt to incorporate a permanent archaeological exhibition into the Mass Rapid Transit (subway system) in Taipei. This exhibition located in Beimen station.

2009 Research Assistant, Collected data for ethnographic study in Taiwan, Professor Su-mei Lo, National Taiwan University.

Languages

Mandarin (Native language)
English (speak and read fluently)
Japanese (basic speak and read)

Membership and Professional Organizations

Indo-Pacific Prehistory Association (IPPA)
Japan Society for Southeast Asian Archaeology (JSSAA)
Society for East Asia Archaeology (SEAA)
Society for American Archaeology (SAA)

Affiliated Institutes and Facilities

2017- DigAR Lab in the Department of Anthropology at the University of Washington.
2018- Taiwan Studies Program in the Jackson School at the University of Washington.

Academic Services

2019 Regional Executive Director of Annual Conference of North American Taiwan Studies Association. Funds-raised: \$300 USD
2018- Vice-president of iTaiwan Graduate Student and Professional Association (iTaiwanGSPA) at the University of Washington. In charge of organizing the iTaiwan GSPA Integrated Salon Series. Funds-raised: \$200 USD
2017 President of iTaiwan Graduate Student and Professional Association at the University of Washington. Funds-raised: \$1200 USD
2015 Resources committee member in the Department of Anthropology at the University of Washington.
2012 Organizing 'Contemporary Archaeology of the Taibei Jiqiju (Taipei Arsenal) site' workshop. Invited scholars from Japan and Taiwan. Funds-raised: \$3300 USD (approximate)