

Kuei-Chen Lin 林圭偵

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CURRENT POSITION

Assistant Research Fellow at the Institute of History and Philology, Academia Sinica
(February 2015-present)

EDUCATION

Ph.D. in Archaeology, University of California, Los Angeles (September 2006-June, 2013)
Dissertation: "Pottery Production and Social Complexity of the Bronze Age Cultures on the Chengdu Plain, Sichuan, China"
Co-chairs: Dr. Lothar von Falkenhausen and Dr. Dwight Read
Committee Members: Dr. Charles Stanish; Dr. Min Li, Dr. David Schaberg
M.A. in Anthropology, National Tsing Hua University, Taiwan
Thesis: "Rejoining Anyang oracle bones by using computer science methods"
(September 2004-September 2006)
M.S. in Computer Science, University of Southern California, Los Angeles (September 2001-August 2002)
B.A. in Chinese Literature and Language; Minor in English, National Central University, Taiwan (September 1994-June 1999)

RESEARCH INTERESTS

Craft production; Complexity theory; Domestic economies; Quantitative analysis and classification; Archaeology of Community

HONORS AND FELLOWSHIP

Senior Fulbright Research Grants (2020-2021)
Ministry of Science and Technology Subsidy for Short-Term Research Abroad for Scientists and Technologists (MOST 109-2918-I-001-004, 2020-2021)
Dissertation Fellowship, Chiang Ching-kuo Foundation for International Scholarly Exchange (2011-2012)
Steinmetz Research Travel Funds, UCLA (2010, 2013)
Summer Language Fellowship: Japanese, UCLA Center for Chinese Studies (2007)
UCLA Full Graduate School Fellowship (2006-2008)
Master Thesis Fieldwork Fellowship, National Tsing Hua University (2006)
Anthropological Fieldwork Fellowship, Institute of Ethnology, Academia Sinica (2005)

RESEARCH PROJECTS

The Hengduan Mountains and Southern Silk Routes (Project sponsored by the Ministry of Science and Technology, MOST 109-2410-H-001 -009 -MY2, 2020.8.1-2022.7.31)

- Isotopic analyses on the fauna remains unearthed from the Yinxu site (Archaeological fieldwork project sponsored by Academia Sinica 2020.10-2021.3)
- The development of the Jinsha settlement during the Shi'erqiao period on the Chengdu Plain (Project sponsored by the Ministry of Science and Technology, MOST 106-2410-H-001-083 - MY3, 2017.7.1-2020.12.31)
- Survey and research project on the abandoned Bunun Asanglaiga and the Massisan settlements along the Lukluk River (Archaeological project entrusted by the Hualian County Cultural Affairs Bureau 2020.2-2021.3)
- Environmental survey of prehistoric Chengdu Plain (Archaeological fieldwork project sponsored by Academia Sinica 2014.12-2019.12)
- Survey on the abandoned Bunun Kasin and Kasipanan settlements along the Lukluk River and the construction of GIS story map (Archaeological survey project entrusted by the Hualian County Cultural Affairs Bureau 2018.12-2020.2)
- Survey on the abandoned Bunun Kasin settlements along the Lukluk River and the construction of GIS story map (Archaeological survey project entrusted by the Hualian County Cultural Affairs Bureau 2017.07-2018.10)
- Applying computational methods to piecing oracle bones (Digital humanity project sponsored by Digital Humanity Center and Institute of History and Philology) (2014.7-2017.7)
- Quantitative research on archaeological data from burial and bronze analyses (2007-2008)
- Portraying and manipulating three-dimensional objects using computer graphic methods (2001-2002)

PUBLICATIONS

- Lee, Cheng-Yi, Kuei-Chen Lin, Jian Chen, Andrea Czermak. 2020. "Dietary history of two human individuals at the Yingpanshan site, Sichuan Province, revealed by carbon and nitrogen isotope analysis of serial samples of dentinal collagen." *International Journal of Osteoarchaeology* 30(4):565-574. (corresponding author)
<https://doi.org/10.1002/oa.2871>.
- Lee, Cheng-Yi, Kuei-Chen Lin, Zhiqing Zhou, Jian Chen, Xiangyu Liu, Haibing Yuan, Pei-Ling Wang. 2020. "Reconstructing subsistence at the Yingpanshan and Gaoshan sites in Sichuan Province: insights from isotope analysis on bone samples and charred crop remains." *Archaeometry* 62(1):172-186. (corresponding author)
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/arcm.12509>.
- Lin, Kuei-chen. 2019. "On craft production and the settlement pattern of the Jinsha site cluster on the Chengdu Plain." *Asian Perspectives* 58(2):366-400.
<https://doi.org/10.1353/asi.2019.0020>
- Lee, Cheng-Yi, Kuei-Chen Lin, Jian Chen, Andrea Czermak, Haibing Yuan. 2018. "Diets of two human individuals in the Yingpanshan site of the Maoxian County: Carbon and nitrogen isotope analyses on the sequence samples from their dentin collagen and from their bone collagen." In *The Yingpanshan Neolithic Site in Maoxian County II*. Chengdu Shi Wenwu Kaogu Yanjiusuo, Aba Zangzu Qiangzu Zizhizhou Wenwu Guanlisuo and Mao Xian Qiangzu Bowuguan, eds. Pp. 525-539. Beijing: Wenwu Chubanshe.
- Lin, Kuei-chen. 2007. "The Application and Development of Simulation in Archaeology." *Field Archaeology of Taiwan* 11 (1-2):61-74.

Lin, Kuei-chen. 2005. "Archaeological Fieldwork in Jinsha, Sichuan." Proceedings of the Conference *NTHU Anthropological Summer Fieldwork*, pp.69-79, Hsinchu, Taiwan.

CONFERENCE PRESENTATIONS

- Lin, Kuei-chen. "The Jinsha settlement of the Shi'erqiao Culture and the land its ancestors resided" *Ministry of Science and Technology 2020 Annual Meeting*, National Chiao Tung University, Hsinchu. October 31-November 1, 2020.
- Cheng, Chieh-fu, Kuei-chen Lin, Yu-ru Chen. "The application of GeoSLAM handheld mobile 3D geospatial technology in the study of abandoned aboriginal settlements in mountainous areas: exemplified by the abandoned Bunun Kasin settlements." *2019 Taiwan Archaeological Annual Meeting*, National Taiwan University, Taipei, June 28-30, 2019.
- Lin, Kuei-chen. "Archaeology of Community: The changing settlement patterns from Yingpanshan to Shi'erqiao." *The Art and Archaeology of Ritual and Economy in East Asia: Workshop and Symposium in Honor of Lothar von Falkenhausen*, UCLA, Los Angeles, CA. June 5-6, 2019.
- Lin, Kuei-chen and Cheng-yi Lee. "The external connections of the Yingpanshan site cluster in western Sichuan, China." *84th SAA Annual Meeting*, Albuquerque, New Mexico, April 10-14, 2019 (poster).
- Lin, Kuei-chen. "Preliminary report on the excavation of the Gaoshan site on the Chengdu Plain." *2018 Taiwan Archaeological Annual Meeting*, National Cheng Kung University, Tainan, July 6-7, 2018.
- Cheng, Chieh-fu, Kuei-chen Lin, Yu-ru Chen. "Archaeological landscape survey on abandoned Bunun Kasin settlements." *2018 Taiwan Archaeological Annual Meeting*, National Cheng Kung University, Tainan, July 6-7, 2018.
- Lin, Kuei-chen. "Standardization in pottery production of the Jinsha site, Chengdu Plain, China." *82nd SAA Annual Meeting*, Vancouver, BC Canada, March 29-April 2, 2017.
- Lin, Kuei-chen. "Archaeological survey on prehistoric Chengdu Plain environments: exemplified by pottery petrographic analyses." *International Symposium on Sanxingdui and World Ancient Civilizations and Commemorating the 30th Anniversary of the Discoveries of the Sanxingdui Sacrifice Pits*, Guanghan, Sichuan, July 18-19, 2016.
- Lin, Kuei-chen. "Environmental decay and changes in production on the ancient Chengdu Plain." *7th Worldwide Conference of the SEAA*, Cambridge/Boston, MA, June 8-12, 2016.
- Lin, Kuei-chen and Pochan Chen. "The development of typology in Chinese archaeology." *81st SAA Annual Meeting*, Orlando, Florida, April 6-10, 2016.
- Lin, Kuei-chen. "Craft production and domestic economies of the prehistoric Chengdu Plain, southwest China." *80th SAA Annual Meeting*, San Francisco, California, April 15-19, 2015.
- Lin, Kuei-chen. "Settlements on the Chengdu Plain in the second and first millennia BC." *Sixth Worldwide Conference of the SEAA*, Ulaanbaatar, Mongolia, June 6-10, 2014.
- Lin, Kuei-chen and Christian Fischer. 2014. "Prehistoric Ceramics from the Chengdu Plain: Scientific Analysis and Cultural Significance." *International Symposium on Archaeometry 2014*, UCLA, California, May 19-23, 2014 (poster).

- Lin, Kuei-chen. "On the Excavation of the Shi'erqiao-Xinyicun Site and Comparison with the Surrounding sites." *2013 Taiwan Archaeological Annual Meeting*, National Taiwan University, Taipei, March 21-23, 2014.
- Lin, Kuei-chen. "Ceramic Production of the Chengdu Plain in the Bronze Age." *78th SAA Annual Meeting*, Honolulu, Hawaii, April 3-7, 2013.
- Lin, Kuei-chen. "Ceramic Analysis and Its Implications for Craft Production of the Ancient Chengdu Plain." *New Perspectives on Chinese Archaeology: An International Symposium*, UCLA, California, January 6-7, 2012.
- Lin, Kuei-chen. "Preliminary Analysis of the Settlement Patterns and Economic Networks in Bronze Age Sichuan: An Application of Social-Network Methods." *76th SAA Annual Meeting*, Sacramento, California, March 31-April 3, 2011.

PROJECT REPORT

- Lin, Kuei-chen, Chieh-fu Cheng, Hsiung-Ming Liao, Yu-ru Chen. 2021. Survey and research project on the abandoned Bunun Asanglaiga and the Massisan settlements along the Lukluk River (Hualian County Cultural Affairs Bureau).
- Lin, Kuei-chen. 2021. "Isotopic analyses on the fauna remains at the Yinxu site." 2020 Annual Archaeological Research Project Report of the Institute of History and Philology, Academia Sinica.
- Lin, Kuei-chen, Chieh-fu Cheng, Hsiung-Ming Liao, Yu-ru Chen. 2020. Survey on the abandoned Bunun Kasin and Kasipanan settlements along the Lukluk River and the construction of GIS story map (Hualian County Cultural Affairs Bureau).
- Lin, Kuei-chen. 2020. "Environmental changes in the prehistoric Western Sichuan region: the paleodiet and subsistence in the pre-Qin times." 2019 Annual Archaeological Research Project Report of the Institute of History and Philology, Academia Sinica.
- Lin, Kuei-chen. 2019. "Prehistoric environmental changes in western Sichuan IV: The archaeological survey project of Yanyuan." 2018 Annual Archaeological Research Project Report of the Institute of History and Philology, Academia Sinica.
- Lin, Kuei-chen, Chieh-fu Cheng, Hsiung-Ming Liao, Yu-ru Chen. 2018. Survey on the abandoned Bunun Kasin settlements along the Lukluk River and the construction of GIS story map (Hualian County Cultural Affairs Bureau).
- Lin, Kuei-chen. 2018. "Archaeological survey on the environments of the Shi'erqiao period on the Chengdu Plain III." 2017 Annual Archaeological Research Project Report of the Institute of History and Philology, Academia Sinica, pp. 130-144.
- Lin, Kuei-chen. 2017. "Archaeological survey on the environments of the Shi'erqiao period on the Chengdu Plain II." 2016 Annual Archaeological Research Project Report of the Institute of History and Philology, Academia Sinica, pp. 11-27.
- Lin, Kuei-chen. 2016. "Archaeological survey on the environments of the Shi'erqiao period on the Chengdu Plain." 2015 Annual Archaeological Research Project Report of the Institute of History and Philology, Academia Sinica, pp. 206-223.

TRANSLATIONS

- Mao Xian Qiangzu Bowuguan, Chengdu Wenwu Kaogu Yanjiusuo, and Aba Zangzu Qiangzu Zizhizhou Wenwu Guanlisuo, eds. *Moutuo Tomb No. 1 in Mao County*: 157-159. (English abstract translated by Kuei-chen Lin). Beijing: Wenwu Chubanshe, 2012.
- Von Falkenhausen, Lothar. "Preliminary Remarks on the Bronze Age of the Upper Han River Basin" (Chinese text translated by Kuei-chen Lin). In *Shang Bronzes from Hanzhong*, vol. IV, Cao Wei, ed. Pp. 517-569. Chengdu: Ba Shu Shushe, 2011.
- Vogel, Hans Ulrich. "From Ignigenous to Solar Salt: Production Techniques of Maritime Salines in Imperial China Reconsidered" (Chinese text translated by Kuei-chen Lin). In *Salt Archaeology in China, v. 2: Global Comparative Perspectives*, Li Shuicheng and Lothar von Falkenhausen, eds. Pp. 20-41. Beijing: Kexue Chubanshe, 2010.

ACADEMIC POSITIONS

Adjunct Assistant Professor at Department of Anthropology, National Taiwan University (2016-present)

- Courses taught: Quantitative analyses in anthropology; Seminar on Archaeology of Southwestern China

Post-doctoral Fellow at Institute of History and Philology, Academia Sinica (July 2014-January 2015)

- On the projects: "Environmental Survey of the Western and Central Sichuan Basin" and "Piecing together Inscribed Oracle Bones by Using Information Science Methods"

Staff Research Associate at Molecular and Nano Archaeology Laboratory, Department of Material Science and Engineering; Cotsen Institute of Archaeology, UCLA (October 2013-March 2014)

- Professor Christian Fischer's SEM Project: "Ancient Khmer Sculptures and Inscribed Stelae: A Geoarchaeological Approach through the Scientific Study of the Stone"

Research Assistant at Department of Art History, UCLA (Summer 2007-Summer 2008, Summer-Fall 2010)

- Professor Lothar von Falkenhausen's Translation and Cataloging Projects

Teaching Assistant at Department of Asian Languages and Cultures, UCLA (Winter 2009, Spring 2009)

- Course taught: "Modern Chinese III"

PROFESSIONAL MEMBERSHIP

- Archaeological Society of Taiwan
- Society for American Archaeology
- Society for East Asian Archaeology, Representative of Australasia
- World Archaeological Congress

COMMUNITY SERVICE

- Volunteer of the yearly open-house event of the Cotsen Institute of Archaeology, UCLA (2007-2013)
- Volunteer archaeological teacher in the Science Expo of Manhattan Beach Elementary School, Los Angeles (2012)

OTHER PROFESSIONAL EMPLOYMENT

- Software Engineer of the Department of Research, Microtek Co. (2003)

LANGUAGES

- Chinese and English: fluent
- Japanese: intermediate