

*Curriculum Vitae*

**Jade d'Alpoim Guedes (玳玉)**

Department of Anthropology (50%)  
Scripps Institution of Oceanography (50%)  
University of California, San Diego  
La Jolla, California

Email: [jguedes@ucsd.edu](mailto:jguedes@ucsd.edu), [jadeguedes@gmail.com](mailto:jadeguedes@gmail.com)

Website: [www.jadeguedes.com](http://www.jadeguedes.com)

**CV SUMMARY**

- 31 internationally-peer reviewed articles (20 as first author)
- 1 monograph (*Cambridge University Press*)
- 2 in *Science*, 1 in *Science Advances*, 1 in *Nature Plants*, 2 in *PNAS*, 3 in *Current Anthropology*
- 8 publications in Chinese
- 4 book chapters
- 1 edited book
- only 5 of 31 publications are jointly authored with former PhD/Postdoctoral advisors
- Languages
  - Native: *English, Portuguese*
  - Fluent (speaking, reading and writing): *French, Mandarin Chinese*
  - Proficient (speaking, reading and writing): *Italian, Spanish*
  - Speaking and reading knowledge: *Tibetan*
  - Reading knowledge: *Ancient Greek, Latin*

**ACADEMIC APPOINTMENTS**

- |                     |   |
|---------------------|---|
| July 2019 - present | <i>Associate Professor</i><br>Department of Anthropology,<br>& Scripps Institution of Oceanography<br>University of California, San Diego (La Jolla, CA)                                |
| 2017 - July 2019    | <i>Tenure-track Assistant Professor (Chancellor Hire)</i><br>Department of Anthropology,<br>& Scripps Institution of Oceanography<br>University of California, San Diego (La Jolla, CA) |
| 2017 - present      | <i>Research Associate</i><br>Department of Organismic and Evolutionary Biology<br>Harvard University (Cambridge, MA)  |
| 2014 - 2017         | <i>Tenure-track Assistant Professor</i><br>Department of Anthropology<br>Washington State University (Pullman, WA)  |

2013 (fall) *Postdoctoral Fellow*  
Department of Earth and Planetary Science  
(advisors: Jerry Mitrovica and Peter Huybers)  
Harvard University (Cambridge, MA)

## **OTHER APPOINTMENTS**

June-July 2019 *James Fellow in Social Sciences*  
Sydney Social Sciences and Humanities Advanced Research Center  
University of Sydney, Australia

2018 - present *Secretary (Board Member)*  
Society of Ethnobiology (SOE)

2016 (spring) *Visiting Assistant Professor*  
Department of Anthropology  
University of Washington (Seattle, WA)

2016 - 2019 *Board member (Academic Board of Directors)*  
Institute for Field Research (IFR) (Los Angeles, CA)

2015 - 2018 *Expert*  
International Council on Monuments and Sites (ICOMOS)  
(Paris, France)

2015 - 2017 *Committee Member*  
International Government Affairs Committee  
Society for American Archaeology (SAA)

## **EDUCATION**

2013 *Doctor of Philosophy (PhD) in Anthropology (Archaeology)*  
*Commencement Marshall*  
Harvard University (Cambridge, MA)  
  
Dissertation Title: "Adaptation and Invention during the Spread of  
Agriculture to Southwest China." Primary Advisor: Rowan Flad  
Committee: Richard Meadow, Ofer Bar-Yosef, Karen Kramer

2005 *DEUG (Bachelor equivalent) in Sinology (with honors)*  
University of Paris VII - Denis Diderot

2004 *Licence (Bachelor equivalent) in Art History & Archaeology (with honors)*  
University of Paris IV - Sorbonne

2002 *DULCO (Bachelor equivalent) in Tibetan & Himalayan Studies (with honors)*  
INALCO (Institut Nationale des Langues et des Civilizations Orientales)  
(Paris, France)

## FURTHER TRAINING

2009, 2011	Course in Macrobotanical Remains, University College London, UK
2008	Course in Starch Grain Analysis, University of Calgary, Canada
2005-2006	Inter-University Program (IUP) at Tsinghua University, China
2005	Graduate Fellow, the Metropolitan Museum of Art (New York City)
2005	Intern, the Arthur M. Sackler Gallery, the Smithsonian Institutions (DC)

## PUBLICATIONS (\* indicates student co-authored research)

### A. BOOKS

John Mac Marston, **Jade d'Alpoim Guedes** & Christina Warinner (eds.) (2014) *Method and Theory in Paleoethnobotany*. University Press of Colorado, Boulder. (Reviewed in *Anthropology News*, *Anthropology Review Database*, *Antiquity*, *Economic Botany* and *Geoarchaeology*)

Peter Clift, **Jade d'Alpoim Guedes** (2021) *Monsoon rains, great rivers and the development of farming societies in Asia*. Cambridge: Cambridge University Press.

**Jade d'Alpoim Guedes** and Mark Aldenderfer (In Progress) *The Ancient Tibetan Plateau*. Contracted with Cambridge University Press (Completion Expected in December 2021)

### B. EDITED VOLUME

**Jade d'Alpoim Guedes** (Ed. Festschrift) *Seeds of the past, Seeds of the future: papers in honor of Steven Weber. Archaeological and Anthropological Sciences* (Papers submitted and in page proofs stage)

### C. PEER REVIEWED ARTICLES

- 31.) Yitzchak Jaffe, Anke Hein, Andrew Womack, Kate Brunson, **Jade D'Alpoim Guedes**, Rongzhen Zuo, Jing Zhou, Jada Ko, Xiaohong Wu, Hui Wang, Shuicheng Li, Rowan K. Flad (In Review) Complex pathways towards emergent pastoral settlements – New research on the bronze Age Xindian culture of Northwest China. *Journal of World Prehistory*
- 30.) Gwendolyn Hyslop, **Jade d'Alpoim Guedes** (Accepted). Linguistic evidence favors barley and buckwheat over millet and rice in Eastern Bhutan. *Asian Perspectives*.
- 29.) Rafal M. Gutaker, Simon C. Groen, Emily S. Bellis, Jae Y. Choi, Inês S. Pires, R. Kyle Bocinsky, Emma R. Slayton, Olivia Wilkins, Cristina C. Castillo, Sónia Negrão, M. Margarida Oliveira, Dorian Q. Fuller, **Jade A. d'Alpoim Guedes**, Jesse R. Lasky, Michael D. Purugganan (2020) Genomic history and ecology of the geographic spread of rice *Nature Plants* 6: 492-502.

- 28.) Thomas F.G Higham, Andrew D. Weiss, Vincent C. Pigott, Charles F.W. Higham, Christopher Bronk Ramsey, **Jade D'Alpoim Guedes**, Sydney Hanson, Steven A. Weber, Fiorella Rispoli, Roberto Ciarla & T.O. Pryce (2020)\* A New Chronology for a Prehistoric Copper Production Centre in Central Thailand Using Kernel Density Estimates. *Antiquity*. 94 (376): 948-965.
- 27.) **Jade d'Alpoim Guedes**, Sydney Hanson, Thanik Lertcharnrit, Andrew Weiss, Vince Pigott, Charles Higham, Tom Higham, Steven Weber (2020)\* Three thousand years of farming strategies in Central Thailand. *Antiquity*. 94 (375): 966-982.
- 26.) Stephens, Lucas, Dorian Fuller, Nicole Boivin, Torben Rick, Nicolas Gauthier, Andrea Kay, Ben Marwick, Chelsey Geralda Armstrong, C. Michael Barton, Tim Denham, Kristina Douglass, Jonathan Driver, Lisa Janz, Patrick Roberts, J. Daniel Rogers, Heather Thakar, Mark Altaweel, Amber L. Johnson, Maria Marta Sampietro Vattuone, Mark Aldenderfer, Sonia Archila, Gilberto Artioli, Martin T. Bale, Timothy Beach, Ferran Borrell, Todd Braje, Philip I. Buckland, Nayeli Guadalupe Jiménez Cano, José M. Capriles, Agustín Diez Castillo, Çiler Çilingiroğlu, Michelle Negus Cleary, James Conolly, Peter R. Coutros, R. Alan Covey, Mauro Cremaschi, Alison Crowther, Lindsay Der, Savino di Lernia, John F. Doershuk, William E. Doolittle, Kevin J. Edwards, Jon M. Erlandson, Damian Evans, Andrew Fairbairn, Patrick Faulkner, Gary Feinman, Ricardo Fernandes, Scott M. Fitzpatrick, Ralph Fyfe, Elena Garcea, Steve Goldstein, Reed Charles Goodman, **Jade d'Alpoim Guedes**, Jason Herrmann, Peter Hiscock, Peter Hommel, K. Ann Horsburgh, Carrie Hritz, John W. Ives, Aripekka Junno, Jennifer G. Kahn, Brett Kaufman, Catherine Kearns, Tristram R. Kidder, François Lanoë, Dan Lawrence, Gyoung-Ah Lee, Maurece J. Levin, Henrik B. Lindskoug, José Antonio López-Sáez, Scott Macrae, Rob Marchant, John M. Marston, Sarah McClure, Mark D. McCoy, Alicia Ventresca Miller, Michael Morrison, Giedre Motuzaitė Matuzeviciute, Johannes Müller, Ayushi Nayak, Sofwan Noerwidi, Tanya M. Peres, Christian E. Peterson, Lucas Proctor, Asa R. Randall, Steve Renette, Gwen Robbins Schug, Krysta Ryzewski, Rakesh Saini, Vivian Scheinsohn, Peter Schmidt, Pauline Sebillaud, Oula Seitsonen, Ian A. Simpson, Arkadiusz Sołtysiak, Robert J. Speakman, Robert N. Spengler, Martina L. Steffen, Michael J. Storzum, Keir M. Strickland, Jessica Thompson, T. L. Thurston, Sean Ulm, M. Cemre Ustunkaya, Martin H. Welker, Catherine West, Patrick Ryan Williams, David K. Wright, Nathan Wright, Muhammad Zahir, Andrea Zerboni, Ella Beaudoin, Santiago Munevar Garcia, Jeremy Powell, Alexa Thornton, Jed O. Kaplan, Marie-José Gaillard, Kees Klein Goldewijk and Erle Ellis (2019) Archaeological assessment reveals Earth's early transformation through land use. *Science* 365(6456):897.
- 25.) Lele Ren, Guanghui Dong, Fengwen Liu, **Jade d'Alpoim Guedes**, Rowan K. Flad, Minmin Ma, Haiming Li, Yishi Yang, Yujia Liu, Dongju Zhang, Guolin Li, Jiyuan Li, Fahu Chen (2019) Archaeobotanical and zooarchaeological evidence of trade and exchange between foragers and farmers on the Tibetan Plateau. *Antiquity*.
- 24.) **Jade d'Alpoim Guedes** and Mark Aldenderfer (2019) The Archaeology of the Early Tibetan Plateau: New Research on the Initial Peopling through the Early Bronze Age. *Journal of Archaeological Research*
- 23.) Carney, Molly R, **Jade d'Alpoim Guedes** Goodman-Elgar, Melissa, Kevin Lyons (2019)\* Gendered Places and Depositional Histories: Reconstructing a Menstrual Lodge in the Interior Northwest. *American Antiquity*
- 22.) **Jade d'Alpoim Guedes**, Sydney Hanson, Thanik Lechtcharnlit (2019)\* The Wet and the Dry, the Wild and the Cultivated: Subsistence and Risk Management in Ancient Central Thailand. *Archaeological and Anthropological Sciences* 11: 6473–6484.

- 21.) **Jade d'Alpoim Guedes**, R. Kyle Bocinsky (2018)\* Climate Change Stimulated Agricultural Innovation and Exchange across Asia. *Science Advances* 4(10): eaar4491.
- 20.) **Jade d'Alpoim Guedes** & Anke Hein (2018) Landscapes of Prehistoric Northwest Sichuan: From Early Agriculture to Pastoralist Lifestyles. *Journal of Field Archaeology* 43(2018):121-135.
- 19.) **Jade d'Alpoim Guedes**, R. Kyle Bocinsky (2017)\* Reply to Bellezza. *Current Anthropology* 58(4):539-540.
- 18.) Ben Marwick, **Jade d'Alpoim Guedes**, Lynsey A. Bates, Michael Baxter, Andrew Bevan, Elizabeth A. Bollwerk, Tom Brughmans, Alison K. Carter, Lisa Catto, Cyler N. Conrad, Enrico R. Crema, Elisabeth Vasser Culley, Adrienne Daggett, Benjamin Davies, Thomas S. Dye, Katharine Ellenberger, Katy Meyers Emery, Phoebe France, Richard Fullagar, Shawn Graham, Matthew D. Harris, Damien Huffer, Sarah W. Kansa, Eric C. Kansa, Mark E. Madsen, Jennifer Melcher, Joan Negre, Fraser D. Neiman, Rachel Opitz, David C. Orton, Maria Raviele, Julien Riel-Salvatore, Isaac I. Ullah, Hannah Van Vlack, Ethan C. Watrall, Chris Webster, Joshua J. Wells, Colin Wren (2017) Open Science in Archaeology. *SAA Archaeological Record*. 17(4): 8-14.
- 17.) **Jade d'Alpoim Guedes** (2018) Do Foragers Adopt Farming? A perspective from the Tibetan Plateau. *Quaternary International* 489: 91-100.
- 16.) **Jade d'Alpoim Guedes**, R. Kyle Bocinsky, Stefani Crabtree & Timothy Kohler (2016) \* 21<sup>st</sup> Century Approaches to Ancient Problems: Climate and Society. *Proceedings of the National Academy of the Sciences* 113(51): 14483-14491.
- 15.) Cedric Habiyaremye, Girish Ganjyal, **Jade d'Alpoim Guedes**, Kevin M. Murphy (2016)\* Proso millet (*Panicum miliaceum*) and its potential cultivation for the Pacific Northwest. *Frontiers in Plant Science* 2016 (7): [10.3389/fpls.2016.01961](https://doi.org/10.3389/fpls.2016.01961)
- 14.) **Jade d'Alpoim Guedes**, Sturt Manning, R. Kyle Bocinsky (2016)\* A 5500 year model of changing crop niches on the Tibetan Plateau. *Current Anthropology* 57(4): 517-522.
- 13.) **Jade d'Alpoim Guedes** (2016) Model Building, Model Testing, and the Spread of Agriculture to the Tibetan Plateau. *Archaeological Research in Asia* 5 (2016): 16-23.
- 12.) **Jade d'Alpoim Guedes**, Jacqueline Austermann, Jerry Mitrovica (2016) Changing Sea Level during Meltwater Pulse 1A and lost foraging opportunities for East Asian Hunter-Gatherers. *Geoarchaeology* doi 10.1002/gea.21542
- 11.) **Jade d'Alpoim Guedes**, Jin Guiyun, Kyle Bocinsky (2015)\* The Impact of Climate on the Spread of Rice Agriculture to North-Eastern China: An Example from Shandong. *PLOS-One* 10(6): e0130430.
- 10.) **Jade d'Alpoim Guedes** (2015) Rethinking the Spread of Agriculture to the Tibetan Plateau. *The Holocene* 25(9): 1498-1510.
- 9.) **Jade d'Alpoim Guedes**, Kyle Bocinsky & Ethan Butler (2015)\*Comment on “Agriculture facilitated permanent human occupation of the Tibetan Plateau after 3600 B.P.” *Science* 348 (6237): 872.

- 8.) **Jade d'Alpoim Guedes**, Lu Hongliang, Anke Hein & Amanda Schmidt (2015) Early Evidence for the use of wheat and barley as staple crops on the margins of the Tibetan Plateau. *Proceedings of the National Academy of the Sciences* 112(18): 5625-5630.
- 7.) **Jade d'Alpoim Guedes** & Ethan Butler (2014) Modeling Constraints on the Spread of Agriculture to Southwest China with Thermal Niche Models. *Quaternary International* 349 (2): 29-41.
- 6.) Rowan Flad, Timothy Horsley, **Jade d'Alpoim Guedes**, Gwen Bennett, Shuicheng Li, Zhanghua Jiang, Jiang Ming & He Kunyu (2014) Survey, Excavation and Geophysics at Songjiaheba – A Small Bronze Age Village in the Chengdu Plain. *Asian Perspectives* (52) 1: 119-142.
- 5.) **Jade d'Alpoim Guedes**, Hongliang Lu, Yongxian Li, Robert Spengler, Wu Xiaohong, Mark Aldenderfer (2013) Moving Agriculture on the Tibetan Plateau: The Archaeobotanical Evidence. *Archaeological and Anthropological Sciences* (6): 255-269.
- 4.) **Jade d'Alpoim Guedes**, Jiang Ming, He Kunyu, Jiang Zhanghua & Wu Xiahong (2013) New Evidence for the Spread of Early Rice and Foxtail Millet Agriculture in Southwest China *Antiquity* 87 (337): 758-771.
- 3.) **Jade d'Alpoim Guedes**, David Carrasco, Rowan Flad, Ethan Fosse, Michael Herzfeld, Carl C. Lamberg-Karlovsky, Cecil M. Lewis, Matthew Liebmann, Richard Meadow, Nick Patterson, Max Price, Meredith Reiches, Sarah Richardson, Heather Shattuck-Heidorn, Jason Ur, Gary Urton & Christina Warinner (2013) “Is Poverty in our Genes? A Reply to Ashraf and Galor.” *Current Anthropology* 54(1): 71-79.
- 2.) Christina Warinner, **Jade d'Alpoim Guedes** & David Goode (2011) Establishing Open-Access Online Reference Collections for Archaeobotanical Research. *Vegetation History and Archaeobotany* 20: 241-244.
- 1.) **Jade d'Alpoim Guedes** (2011) Rice, Millets, Social Complexity and the Spread of Millet Agriculture to the Chengdu Plain and Southwest China *Rice* 4: 104-113.

#### D. PEER REVIEWED BOOK CHAPTERS

- 4.) Michele Koons & **Jade d'Alpoim Guedes** (2016) Ceramic Production and Society in the Late Majiayao Culture of Northwest China. Alan Greene and Charles Hartley (eds.) *Renewing the 'Search for Structure' - New Frameworks and Techniques in Instrumental Ceramics Analysis*. Equinox Publishing, UK.
- 3.) **Jade d'Alpoim Guedes** & Robert Spengler (2014) Sampling Strategies in Paleoethnobotany in John Mac Marston, Jade d'Alpoim Guedes and Christina Warinner (eds.) *Method and Theory in Paleoethnobotany*. University Press of Colorado, Boulder.
- 2.) Warinner, Christina & **Jade d'Alpoim Guedes** (2014) Digitizing the Archaeobotanical Record in John M. Marston, Jade d'Alpoim Guedes, and Christina Warinner (eds.) *Method and Theory in Paleoethnobotany*. University Press of Colorado, Boulder.
- 1.) Marston, John M., **Jade d'Alpoim Guedes**, & Christina Warinner (2014) Paleoethnobotanical Method and Theory in the 21st Century, in John M. Marston, Jade d'Alpoim Guedes, and Christina Warinner (eds.) *Method and Theory in Paleoethnobotany*. University Press of Colorado, Boulder.

E. PUBLICATIONS IN CHINESE (published under the name 琺玉)

- 8.) **Jade d'Alpoim Guedes** & Wan Jiao (2015) The Archaeobotany of the Guiyuanqiao Site. *Sichuan Wenwu* 183(5): 81-94
- 7.) Chen Tao, Jiang Zhanghua, He Kunyu, Yang Yang, **Jade d'Alpoim Guedes**, Jiang Hong-En, Hu Yaowu, Wang Changsui, Wu Kai (2015) Phytolith Analysis at the Site of Baodun. *Renleixue Xuebao (Acta Anthropologica Sinica)* 34-2: 10.16359/j.cnki.cn11-1963/q.2015.0023
- 6.) **Jade d'Alpoim Guedes** & Guo Li (2013) Living and Dying in Song Dynasty Sichuan. *Chengdu Kaogu Faxian 2009* (tbd)
- 5.) **Jade d'Alpoim Guedes** & Ming Jiang (2012) Archaeobotanical Report for the Site of Xinjin Baodun: 2009 Excavations. *Chengdu Kaogu Faxian 2007*
- 4.) **Jade d'Alpoim Guedes** & Xiaoyan Yang (2010) Starch Grain Analysis and Dental Calculus: New Insights from the Site of Xipo, Henan Province, People's Republic of China in Institute of Archaeology, Chinese Academy of Social Sciences and Henan Provincial Institute of Archaeology and Cultural Relics (eds.) *Lingbo Xipo Mudi*, Beijing: Kexue Chubanshe: 209-222.
- 3.) **Jade d'Alpoim Guedes** & Xiaoyan Yang (2010) Starch Grain Analysis of Pottery Residue at the site of Shifodong in Yunnan Provincial Institute of Cultural Relics and Archaeology, Institute of Archaeology, Chinese Academy of Social Sciences, Chengdu City Institute of Archaeology (eds.) *Gengma Shifodong*, Beijing: Wenwu Chunbanshe: 383-391.
- 2.) **Jade d'Alpoim Guedes** (2010) Bioarchaeology at Shifodong in Yunnan Provincial Institute of Cultural Relics and Archaeology, Institute of Archaeology, Chinese Academy of Social Sciences, Chengdu City Institute of Archaeology (eds.) *Gengma Shifodong*, Beijing: Wenwu Chunbanshe: 351-353.
- 1.) **Jade d'Alpoim Guedes**, Chang Fu & Qin Zhang (2009) Bioarchaeology at Jinsha: Preliminary Results from the Site of Huangzhongxiaoqu *Chengdu Kaogu Faxian 2006*: 409-423

F. TRANSLATIONS OF MY WORK INTO ANOTHER LANGUAGE:

- 3.) **Jade d'Alpoim Guedes**, Lu Hongliang, Anke Hein & Amanda Schmidt (2018) Ashaonao Yizhi Zhiwu Yicun ji Yanjiu In: *Ashaonao Jinqiu Lishi Wenhua Kaocha Yanjiu Baogao*. Edited by Sichuan Daxue Kaoguxi, Jiuzhaigou Fengjing Mingshengqu Guanliju, Abazhou Wenwu Guanlisuo. Chengdu: Bashu Shushe: 90-109.
- 2.) Rowan Flad, Timothy Horsley, **Jade d'Alpoim Guedes**, Gwen Bennett, Shuicheng Li, Zhanghua Jiang, Jiang Ming & He Kunyu (2015) Songjiaheba - Survey, geophysics and excavation at a small-scale Bronze Age settlement in the Chengdu Plain. *Nanfang minzu kaogu* 11: 231-246
- 1.) **Jade d'Alpoim Guedes**, Hongliang Lu, Yongxian Li, Robert Spengler, Wu Xiaohong, Mark Aldenderfer (2015) Early Agriculture on the Tibetan Plateau. *Nanfang Minzu Kaogu (Southern Archaeology and Ethnography)* Volume XI: 91-114.

## G. PUBLIC WEBSITES

[WWW.PALEOBOT.ORG](http://WWW.PALEOBOT.ORG)

Co-Founder (with Dr. Christina Warinner)

## H. OTHER

**Jade d'Alpoim Guedes** and Dorian Fuller (2018) Steven A. Weber: An Interdisciplinary Vision in Paleoethnobotany. *Journal of Ethnobiology*. 38(4): 464-469.

**Jade d'Alpoim Guedes**, David Reich, Michael Herzfeld, Nick Patterson, Theodore Bestor, Daniel Lieberman, Jean Comaroff, Rowan Flad, David Carrasco, Heather Shattuck-Heidorn, Carl C. Lamberg Karlovsky, Jean Comaroff, Richard Meadow, Mathew Liebmann, Gary Urton, David Pilbeam, Arthur Kleinman & Byron Good (2012). Response to Ashraf and Galor "The Out of Africa Hypothesis, Human Genetic Diversity and Comparative Economic Development Available at SSRN: <http://ssrn.com/abstract=2155060>

## I. BOOK REVIEWS

**Jade d'Alpoim Guedes** (2019). An Archaeobotanical Perspective on the Relationship between Grain Crops, Non-Grain Crops and States. *The Cambridge Archaeological Journal*. 29(4): 694-696.

**Jade d'Alpoim Guedes** (2015) Book Review *New Lives for Ancient and Extinct Crops* Edited by Paul E. Minnis 2014. University of Arizona Press: Tuscon, Arizona. Hardback 275 pgs. ISBN 978-0-8165-3062-5. *Agricultural Systems*. 140 (2015): 87-88.

## RESEARCH GRANTS

2019-2024

**Co-Principal Investigator (Co-PI)**

Zegar Family Foundation (\$219,358)

“Systems Genomics of rice adaptation to drought: laying the foundation for green super rice”

Co-PI: Michael Purugannan (NYU), Amelia Henry (IRRI)

2016 - 2020

**Principal Investigator (PI)**

National Science Foundation (Grant #1632207: \$213,917)

“Human Response to High Altitude Environmental Change”

Co-PI: Anke Hein (Oxford), Cheryl Makarewicz (Kiel), Sturt Manning (Cornell)

2016-2017

**Principal Investigator (PI)**

National Geographic Society (NGS) Research Grant (\$21,000)

“The Long-Term Dynamics of Agricultural Systems in The Eastern Himalayas”

2016-2017

**Principal Investigator (PI)**

Chiang Ching Kuo Foundation Research Grant, Taiwan (\$30,000)



“The Long-Term Dynamics of Agricultural Systems in The Eastern Himalayas”

2010-2011

Henry Luce Foundation/American Council of Learned Society (ACLS) Grant (\$32,000)

PhD Dissertation Completion Grant, Harvard University

2010-2011

Wenner-Gren Foundation for Anthropological Research Dissertation Fieldwork Grant (\$6826)

PhD Dissertation Field Work Grant, Harvard University

## AWARDS

2017

Kavli Frontiers of Science Fellow

National Academy of Sciences (invited, declined 2017)

2016

US Fulbright Scholar Program

Sponsored: visiting professor Thanik Lertcharnlit, Silpakorn University (Thailand)

Fall semester, Washington State University (Pullman, WA)

2013-2014

Henry Luce/American Council of Learned Societies (ACLS) Postdoctoral Fellow \$37,500

New Faculty Seed Grant (via competition), Washington State University \$24,652

National Science Foundation (NSF) Advance Grant \$2450

Society for American Archaeology Dissertation Award *Honorable Mention*

2012-2013:

*Commencement Marshall* - Harvard Graduate School of Arts and Sciences

Radcliffe Institute of Advanced Study Graduate Fellow \$30,104

Cora du Bois Charitable Trust Dissertation Completion Grant \$3000

2011-2012:

Harvard Graduate Society Merit Fellowship \$11,845

Harvard Asia and Fairbank Center Conference Grant \$500

2010-2011:

U.S. Government Fulbright (IIE) Scholarship (*declined*) \$29,000

Harvard Kennedy Sheldon Knox Traveling Fellowship (*accepted*) \$24,000

Harvard Graduate Student Council Spring Conference Grant (*accepted*) \$500

Harvard Asia and Fairbank Center Conference Grant (*accepted*) \$700

Harvard Graduate Society Merit Fellowship (*declined*) \$11,845

2009-2010:

Harvard Asia and Fairbank Center Summer Research \$3500

Harvard Graduate Student Council Summer Research Grant \$1000

2008-2009:

U.S. Dept. of Education/Foreign Language and Area Scholarship (FLAS) Award \$27,000

National Science Foundation (NSF) Graduate Research Fellowship, *Honorable Mention*

American Society for Prehistoric Research Fellowship	\$1000
Harvard Asia and Fairbank Center Summer Research Grant	\$2800

2007-2008:

National Science Foundation (NSF) Graduate Research Fellowship, *Honorable Mention*

Pre-2007:

Taiwan Familiarization Scholarship by Taiwan Government	\$2700
J.T Tai Foundation and Co. Scholarship	\$5000
Inter-University Program (IUP) Grant for Chinese Language Studies	\$7000
Aide au Voyage Scholarship, INALCO (Paris, France)	\$3500

## **RESEARCH PROJECTS AND FIELDWORK**

2016-2019 (PI) “Adapting Subsistence Regimes to the Roof of the World: A Case Study from the Jiuzhaigou National Park”

2016-Present Analyst for Macrobotanical Remains for the sites of Harappa in Pakistan.  
PI Steven Weber, Mark Kenoyer, Richard Meadow

2015- Present Analyst for Macrobotanical Remains for the Thai Archaeometallurgy Project  
PI Steven Weber, Vince Piggott

2015-Present Analyst for Macrobotanical Remains for the site of Phromthin Tai  
PI Thanik Lechtharnit.

2012-Present Analyst for Macrobotanical Remains for the site of Samdzong, Mustang, Nepal  
PI Mark Aldenderfer.

2012-Present Analyst for Macrobotanical Remains for the site of Ashkelon, Israel (with John Mac Marston)

2011-2012 Analyst for Macrobotanical Remains for Sichuan University & the Tibet Autonomous Region  
Directed the Analyses of Macrobotanical Remains for the sites of Changdu Karuo, Dingdun and Kyunglung Silver Castle

2012-Present Analyst for Macrobotanical remains at the site of Ashaonao, Jiuzhaigou  
Sichuan University

2010-2013 Analyst for Macrobotanical Remains for the site of Guiyuanqiao  
Sichuan Provincial Institute of Archaeology

2008-2013 Analyst for Macrobotanical Remains Chengdu City Institute of Archaeology  
Directed collection and analyses of macrobotanical remains and starch grain analysis for the Institute’s excavations

Jun-Aug 2007 Chengdu City Institute of Archaeology  
Directed excavation, recording and analyses of human remains at the sites of Jinsha, Huangzhongxiaoqu, and Huayanghechi.

2005-2012 Chengdu Plain Archaeological Survey Project

Directed the analysis and collection of macrobotanical remains

2008 Henan Provincial Institute of Archaeology

Carried out starch grain analysis on material from the site of Xipo

2008 Yunnan Provincial Institute of Archaeology

Osteologist and starch grain analyst at the cave site of Shifodong

2004-2005 French Association for Preventative Archaeology & the Mission Départementale

Archéologique du Seine Saint Denis

Site of Bobigny, laboratory studies on human osteology/ funerary archaeology

2004 Dijon Regional Archaeological Service and University of Paris IV Sorbonne

Site of Mirebeau-Sur-Beze, excavation of Roman sanctuary

2004 CNRS and French Institute of Human Palaeontology

Carried out survey of prehistoric and historic rock art in the region of Mt. Bego

2003 CNRS and French Institute of Human Palaeontology

Excavator at the Grotte du Lazaret

### **PUBLIC LECTURES**

2018 “Food, Biodiversity and Climate Change: Lessons from the past for the future” UCSD Osher Life Long Learning Institute, January 31<sup>st</sup>, 2018

2013 “Food, Biodiversity and Climate Change: What we can learn from the past”. Peabody Museum and the Heritage Grain Conservancy Public Event, Cambridge, MA. November 12<sup>th</sup> 2013

### **INVITED TALKS**

2020

“A Deep History of Human Adaptation and Changing Climate on the Tibetan Plateau” Biochange Lecture Series Aarhus University. December 15<sup>th</sup>

“A Deep History of Human Adaptation and Changing Climate on the Tibetan Plate” Durham University, December 9<sup>th</sup>

2019

“A Deep History of Human Adaptation and Changing Climate on the Tibetan Plateau”. Quarternary Research Center 50<sup>th</sup> Anniversary Series. University of Washington, November 19<sup>th</sup>

“Archaeological and Archaeobotanical Insights to the Tibeto-Burman Language Families” *Himalayan Languages Symposium*. Plenary Speaker. June 28<sup>th</sup>

2018

“Modeling Forager/Farmer Interaction on the Tibetan Plateau” Stanford University, October 24<sup>th</sup>

“Modeling Forager/Farmer Interaction on the Tibetan Plateau” UCLA, Cotsen Institute of Archaeology, February 28<sup>th</sup>

2017

“Tibetan Plateau adaptations to climate change at 2200 BC” in *Collapse! What Collapse? Societal Adaptations to Abrupt Climate Changes before Global Warming.*, Workshop at Yale University. October 20-22<sup>nd</sup>

“Forager/ Farmer Interaction on the Tibetan Plateau”. *Transitions from Foraging to Farming in China and Beyond: An Archaeobotanical Perspective*. Stanford University, April 21-23<sup>rd</sup>

“Moving up: Understanding the Spread of Agriculture to the Tibetan Plateau through computational Modeling” *Vega Medal Symposium*, Swedish Society for Anthropology and Geography, Stockholm, Sweden, April 20<sup>th</sup> *One of three selected speakers.*

“Modeling Forager/Farmer Interaction on the Tibetan Plateau. Archaeology Seminar”. University of Washington, March 10<sup>th</sup>

2016

“Understanding a rapid transition in subsistence regimes on the Tibetan Plateau” In the Third Pole Environment (TPE) under Global Changes. American Geophysical Union, San Francisco, December 12<sup>th</sup>-16<sup>th</sup> *Plenary Speaker*

“New Computational Approaches for understanding the Spread of Rice Agriculture” In Early rice farming and civilization in East Asia: towards a productive integration of international and cross-disciplinary research agenda. World Archaeology Congress, Kyoto, Japan August 30<sup>th</sup>

“Modeling the Spread of Agriculture to the Tibetan Plateau” China Anthropology Seminar, University of Washington, January 5<sup>th</sup>

2015

“Using ecological niche modeling to understand transitions in Subsistence in Prehistory” CEREO Center for the Environment, Washington State University, November 5<sup>th</sup>

“Using ecological niche modeling to understand transitions in Subsistence in Prehistory” Yunnan Provincial Institute of Archaeology, September 21<sup>st</sup> (In Chinese)

“Using ecological niche modeling to understand transitions in Subsistence in Prehistory”. Sichuan Provincial Institute of Archaeology, July 15<sup>th</sup> (In Chinese)

“Using ecological niche modeling to understand transitions in Subsistence in Prehistory”. Chengdu City Institute of Archaeology July 21<sup>st</sup> (In Chinese)

“Modeling the Spread of Agriculture to the Tibetan Plateau” International Conference on the Qijia Culture. July 30-Aug 1<sup>st</sup> (In Chinese)

2014

“Recent Insights from Complexity Science and Ecological Niche modeling in Archaeology”. Sichuan University, China. October 10<sup>th</sup> (In Chinese)

“Using mathematical models to model agriculturalist expansions in prehistory” with Ethan Butler. Plants and Climate Seminar: Harvard University. June 15<sup>th</sup>

“The foraging legacy in deep south and southwest China” In The expansion of farming in East Asia and Sahul: Do foragers adopt agriculture? St Lucia Campus, The University of Queensland, March 23-25

“Modeling the Spread of Agriculture to Southwest China” UCLA Friday Lunch Seminar, March 14<sup>th</sup>

2013

“Modeling the Spread of Agriculture to Southwest China” Radcliffe Institute of Advanced Study, Harvard University, May 2<sup>nd</sup>

“Modeling the Spread of Agriculture to Southwest China”. University of Toronto, Canada, April 19<sup>th</sup>

“Modeling the Spread of Agriculture to Southwest China”. Massachusetts Institute of Technology, March 13<sup>th</sup>

“Adaptation and Invention during the spread of Agriculture to Southwest China”. Washington State University, Department of Anthropology, February 15<sup>th</sup>

“Modeling the Spread of Agriculture to Southwest China”. Harvard University. Department of Earth and Planetary Sciences, April 15<sup>th</sup>

2012

“Behavioral Ecology and the Spread of Agriculture to Southwest China”, Origins of Sedentism and Agriculture in Early China, Stanford University, April 22<sup>nd</sup>- 25<sup>th</sup>

“Early Agriculture on the Tibetan Plateau: The Archaeobotanical Evidence” International Conference for the Prehistory of the Tibetan Plateau, Sichuan University, China, August 25<sup>th</sup> (In Chinese and English)

“Rice Millets, Social Complexity and the Spread of Agriculture to Southwest China” Rice and Language across Eurasia. Cornell University, September 22<sup>nd</sup>- 25<sup>th</sup>

“Adaptation and Invention during the Spread and Intensification of Agriculture: Reconstructing Agricultural Strategies on the Chengdu Plain, Sichuan Province, China” Henry Luce Foundation and American Council of Learned Societies. Second Early Career Seminar East and Southeast Asian Archaeology and Early History, Tarrytown, New York, June 11<sup>th</sup>-13<sup>th</sup>

“Adaptation and Invention during the Spread and Intensification of Agriculture: A Perspective from Unknown China.” Harvard University Archaeology Faculty Student Seminar Series, Harvard University Cambridge Massachusetts, April 29<sup>th</sup>

“The Role of Archaeobotany in Studying the Origins and Spread of Agriculture: Applications to Southwest China” (delivered in Chinese), Guizhou Provincial Institute of Archaeology, Guiyang, China, June 15<sup>th</sup>

“Bioarchaeology in Southwest China: Challenges and New Directions” (delivered in Chinese), Sichuan University, Chengdu, China, June 30<sup>th</sup>

## **PAPERS PRESENTED**

\*Indicates student co-authored research

2019

Rafal Gutaker, Emily Bellis, Simon C. Groen, Kyle Bocinsky, Jade d'Alpoim Guedes, Jesse R. Lasky, Michael D. Purugganan “Ancient dispersal of Asian rice and abiotic forces underlying its distribution” SMBE, Manchester, UK 21-25<sup>th</sup> July 2019.

Rafal Gutaker, Simon C. Groen, Cristina Castillo, Kyle Bocinsky, Dorian Q. Fuller, Jade d'Alpoim Guedes, Michael D. Purugganan “Concerted genomic, archaeological and paleoenvironmental evidence for ancient rice dispersal in Asia” Harlan Conference, Montpellier, France June 3-7<sup>th</sup> 2019

Jade d'Alpoim Guedes “Landscapes and towers: settlement patterns in northwestern Kham” International Association for Tibetan Studies, Paris, France, July 7-13<sup>th</sup> 2019

Jade d'Alpoim Guedes “Modelling the Spread of Crops across Eurasia” Society of Ethnobiology, Vancouver, BC, May 8-11<sup>th</sup> 2019

\*Jade d'Alpoim Guedes Katrina Cantu, Clara Dawson, Shelby Jones Cervantes, Arianna Garvin, Brandon Gay, Isabel Hermsmeyer, Matthew Howland, Xiyuan Huang, Bridget Lawrence, Brady Liss, Sunyoung Park, Eric Rodriguez, Julianna Santillan-Goode, Sarah Sheridan, Luke Stroth, Anthony Tamberino, Isabell Villasana, Emma Villegas, Zhen Yu, Thomas E. Levy “The archaeobotany of an early copper production site in the Fanyan, Jordan” Society of Ethnobiology, Vancouver, BC, May 8-11<sup>th</sup> 2019

Rachel Lee, Martin Bale, Jade d'Alpoim Guedes “New evidence, methods, theories, and challenges to understanding prehistoric economies in Korea”, Society for American Archaeology Meetings, Albuquerque, NM, April 10-14<sup>th</sup> 2019

2018

Jade d'Alpoim Guedes “Do Foragers Adopt Farming: a perspective from the margins of the Tibetan Plateau” Society for East Asian Archaeology, Nanjing, China, June 7-11<sup>th</sup>

\*Jade d'Alpoim Guedes, Sydney Hanson, Thanik Lechtcharnit “The Wet and the Dry, the Wild and the Cultivated: Subsistence and Risk Management in Ancient Central Thailand.” Society of Ethnobiology and Society for Economic Botany, Madison, Wisconsin, June 2-7<sup>th</sup>

\*Andrew Gilreath Brown, Jade d'Alpoim Guedes “Barley (*Hordeum vulgare*) Grain Size in the Indus Valley, Pakistan: Development of Local Varieties” Society of Ethnobiology and Society for Economic Botany, Madison, Wisconsin, June 2-7<sup>th</sup>

\* Alexia Decaix, Jade d'Alpoim Guedes, Steven Weber "Agricultural Practices between the Third and Second Millenium BC in the Indus Valley: New Data from Harappa". Society of Ethnobiology and Society for Economic Botany, Madison, Wisconsin, June 2-7<sup>th</sup>

\* Nathaniel James, Alexia Decaix, Steven Weber, Jade d'Alpoim Guedes "Labor Organization and Taphonomy at Harappa", Society of Ethnobiology and Society for Economic Botany, Madison, Wisconsin, June 2-7<sup>th</sup>

2017

\* Jade d'Alpoim Guedes "Deep time resilience of farming systems on the Chengdu Plain" APRU Sustainable Cities and Landscapes Conference September 15-17, 2017

\* Casey McGuire, Amanda Schmidt, Jade D'Alpoim Guedes, Brian Collins, Amanda K. Z. "Timing and provenance of loess in Jiuzhaigou, China". Geological Society of America. Seattle, WA, October 24<sup>th</sup>

\* Jade d'Alpoim Guedes, R. Kyle Bocinsky "Modeling the Spread of Crops across Eurasia". Society for American Archaeology, Vancouver, Canada, March 30<sup>th</sup>

\* Cedric Habiyareyme, Jade d'Alpoim Guedes, Girish Ganjyal, Kevin Murphy. "Ancient Crops, Modern Possibilities: A study on the potential for millet agriculture in the United States" Society for American Archaeology, Vancouver, Canada, March 31<sup>st</sup>

\* Sydney Hanson, Jade d'Alpoim Guedes "Millets and Rice on the Move". Society for American Archaeology, Vancouver, Canada, March 31<sup>st</sup>

\* Nathaniel James, Dominic Bush, Jade d'Alpoim Guedes "Disentangling Harappa: A reevaluation of the Archaeobotanical Evidence". Society for American Archaeology, Vancouver, Canada, March 31<sup>st</sup>

2016

"Modeling agricultural spreads across SW China and SE Asia In Recent Developments in South East Asian Archaeology" SEAMEO SPAFA International Conference on Southeast Asian Archaeology, Bangkok, Thailand, May 30<sup>th</sup>-2 June

\* Hanson, Sydney, Jade d'Alpoim Guedes, Steve Weber, and Thanik Lertcharnrit "An Archaeobotanical Analysis of Four Prehistoric Central Thai Sites: the Preliminary Results" Society for American Archaeology, Orlando, Florida, April 6-10<sup>th</sup>

\* Molly Carney, Melissa Goodman-Elgar, Jade d'Alpoim Guedes "An analysis of Archaeobotanical material from the Flying Goose Site". Society for American Archaeology, Orlando, Florida, April 6-10<sup>th</sup>

\* Jade d'Alpoim Guedes, R. Kyle Bocinsky "Documenting a Rapid Transition in Subsistence Regimes on the Tibetan Plateau". In New Advances in the Archaeology of the Tibetan Plateau. Society for East Asian Archaeology, Boston, MA, June 8<sup>th</sup>-12<sup>th</sup>

\* Bocinsky, R. Kyle, Jade d'Alpoim Guedes, Karen Adams, Rob Quinlan, Mark Caudell, and Timothy A. Kohler "Can Pueblo Corn Save Ethiopian Farms? Deploying 1,400 Years of Agricultural Knowledge in Service of the Future" In symposium, Engaged Archaeology through Transnational, Interdisciplinary, and Indigenous Collaboration 15<sup>th</sup> Biennial Southwest Symposium, Tucson, Arizona.

“Constructing agricultural frames of reference: An example from Highland Southwest China” Computer Applications and Quantitative Methods in Archaeology, Oslo, Norway, March 29<sup>th</sup>-April 2<sup>nd</sup>.

“Modeling the Spread of Agriculture to the Tibetan Plateau” in Guava Cat Archaeology: Papers in memory of Prof. Pochan Chen, Society for American Archaeology, Orlando, Florida, April 6-10<sup>th</sup>

“Constructing agricultural frames of reference: An example from Highland Southwest China” Society of Ethnobiology, Tucson, Arizona, March 16-19<sup>th</sup>

2015

“Risk and Resilience in a high-altitude environment”, American Anthropological Association, Denver, Colorado, Nov. 18-22<sup>nd</sup>

“Modeling a rapid transition in Subsistence Regimes on the Margins of the Eastern Tibetan Plateau” American Geophysical Union. Chapman Conference: Civilization and the Asian Monsoon. Hong Kong, June 14-18<sup>th</sup>

\* Cedric Habiyaremye, Girish Ganjyal, Jade D’Alpoim Guedes, Kevin Murphy “Alleviating global hunger and enhancing food security through interdisciplinary approaches: crop diversity, food science, and anthropology” Annual conference of the Association for International Agriculture and Rural Development, Washington DC, May 31<sup>st</sup>

“Modeling a rapid transition in Subsistence Regimes on the Margins of the Eastern Tibetan Plateau” Society for American Archaeology, 80<sup>th</sup> Annual Meeting, San Francisco, CA, April 15-20<sup>th</sup>

2014

“Modeling the Spread of Agriculture to the Tibetan Plateau” Society for American Archaeology, 79<sup>th</sup> Annual Meeting, Austin Texas, April 23-27<sup>th</sup>

2013

“Adaptation and Invention during the Spread of Agriculture to Southwest China. Society for American Archaeology, 78<sup>th</sup> Annual Meeting, Honolulu, Hawaii, April 3-7<sup>th</sup>

2012

“Social Complexity and the Spread of Agriculture to Southwest China”, Society for American Archaeology, 77<sup>th</sup> Annual Meeting, Memphis Tennessee, April 19<sup>th</sup>

2010

“Establishing Open-Access Online Reference Collections for Archaeobotanical Research: Macrobotanical, Microbotanical and Isotopic Data” (with Christina Warinner) International Work Group for Paleoethnobotany, Wilhelmshaven, Germany, May 31<sup>st</sup>- June 5<sup>th</sup>

“Going Back to Baodun: Challenges for Archaeobotanical Sampling in the Chengdu Plain” (with Jiang Ming), Society for American Archaeology, 75<sup>th</sup> Annual Meeting, St. Louis, Missouri, April 16<sup>th</sup>

2009



“The Neolithic Demographic Transition in East Asia: An Evaluation of the Chinese Data.” (with Jean-Pierre Bocquet-Appel), Society for American Archaeology 74<sup>th</sup> Annual Meeting, Atlanta, Georgia, April 25<sup>th</sup>

“Origins and Development of Agriculture in the Chengdu Plain: Questions and Research Directions.” in The Spread of Agriculture in Asia – Understanding Early Settlements in the Chengdu Plain. Conference organized at Harvard University, October 14<sup>th</sup>-18<sup>th</sup>

2008

“The Social Significance of Secondary and Collective Burial: A Case Study of the Dashimu of Southwest China.” Fourth Worldwide Conference of the Society for East Asian Archaeology (SEAA), Beijing, China, June 3<sup>rd</sup>

### **CONFERENCES ORGANIZED**

2016

Organizing Committee.  
Society for East Asian Archaeology  
8<sup>th</sup> – 12<sup>th</sup> June, Harvard University (Cambridge, MA)

2009

Co-Organizer (with Rowan Flad)  
“The Spread of Agriculture in Asia-Understanding Early Settlements in the Chengdu Plain.”  
14<sup>th</sup>-18<sup>th</sup> October, Harvard University (Cambridge, MA)

### **PANELS ORGANIZED**

2019

(With Mark Aldenderfer) “Roundtable on the prehistory of the Tibetan Plateau” International Association for Tibetan Studies, Paris, France, July 7-13<sup>th</sup> 2019

2018

“Recent advances on the Archaeology of the Tibetan Plateau” Society for East Asian Archaeology, Nanjing, China, June 8<sup>th</sup>

2017

“Seeds of the Past, Seeds of the Future: Papers in Honor of Steven Weber”. Society for American Archaeology Meetings Vancouver, Canada, March 30<sup>th</sup>

2016

(with Mark Aldenderfer) “Publishing in International Journals” Workshop organized at the Society for East Asian Archaeology Meetings, Harvard University, Cambridge MA, June 8<sup>th</sup>-12<sup>th</sup>

2016

(With Mark Aldenderfer) “Tibetan Prehistory: What Every Tibetologist should know”. International Association for Tibetan Studies, Bergen, Norway, 19-25<sup>th</sup> June

2016

“New Advances in the Archaeology of the Tibetan Plateau”. Society for East Asian Archaeology, Boston, MA, June 8<sup>th</sup>-12<sup>th</sup>

2012

“The Spread of Agriculture to South and Southwest China”, Fifth Worldwide Conference of the Society for East Asian Archaeology (SEAA), Fukuoka, Japan, June 8<sup>th</sup>

2011

(with Anke Hein) “Recent Developments in the Archaeology of Southwest China and Southeast Asia” Society for American Archaeology (SAA) Sacramento, California, 76<sup>th</sup> Annual Meeting

2011

(with John Mac Marston and Christina Warinner) “Current Issues in Paleoethnobotany” Society for American Archaeology, Sacramento, California, 76<sup>th</sup> Annual Meeting

2010

(with Christina Warinner) “Methods and Issues in Archaeobotany”, Society for American Archaeology, St. Louis Missouri, 75<sup>th</sup> Annual Meeting, April 14-18<sup>th</sup>

## **DISCUSSANT**

2016

“Paleoethnobotany and Household Concepts”, Society for American Archaeology, Orlando Florida, April 6-10<sup>th</sup>

2009

“Approaches to Chinese Material Culture: An Interdisciplinary Discussion”, Harvard University: Cambridge, Massachusetts, May 23<sup>rd</sup>

## **TRANSLATIONS**

Jin Hetian (2014). Agriculture and Plants at the Dadunzi Site in Yuanmou, Yunnan: New Evidence for Prehistoric Agriculture. In Hein (Eds.) *Reconsidering the “Crescent-Shaped of Cultural-Diffusion Belt” – Methodological, Theoretical and Material Concerns of Long-Distance Interactions in East Asia Thirty Years after Tong Enzheng* London: ArchaeoPress (From Chinese to English)

Huo Wei (2015) Metal artifacts in Tibet. *Chinese Archaeology* (From Chinese to English)

Huo Wei (2014). The Archaeological Exploration of Early Nomadic Settlements in Tibet. *Chinese Archaeology* (From Chinese to English)

J. Shi (2013) “A Discussion on the Identity of the Stone Figurines from the Site of Jinsha” *Chinese Archaeology* (From Chinese to English)

E. Chavannes (In Press) “Monuments from the Ancient Korean Kingdom or Kao-Keou-Li” for *Journal of Korean Ancient Historical Society* (from French to English)

P. Gouletquer, D. Kleinmann and O. Weller (2013) “Salt and Technology” for *Kaogu* (from French to Chinese)

H. Sun (2013). The Sanxingdui Culture of the Sichuan Basin. *A Handbook for Chinese Archaeology*. Anne Underhill (ed.) Cambridge University Press (From Chinese to English)

H. Huang (2013). The Houli and Beixin Culture. *A Handbook for Chinese Archaeology*. Anne Underhill (ed.) Cambridge University Press (From Chinese to English)

Li Y.X. (2012), “Archaeological Survey of “Kyung-Lung Silver Castle” in Western Tibet”, In the *Journal of International Association of Tibetan Studies*, Brill Press (from Chinese to English)

Z. Zhao, J. Zhang (2010) “Report on the 2001 flotation results from the site of Jiahu,” *Chinese Archaeology* 10(1): 196-202 (From Chinese to English)

Jiang, L.P. (2008) “Excavation Report on the site of Shangshan, Pujiang County, Zhejiang Province” *Chinese Archaeology*, Vol. 8: 37-43 (from Chinese to English)

Fang, Y.M (2007) “The Dating of the Wangchenggang Walled-site in Dengfeng County and Related Issues” *Chinese Archaeology*, Vol. 7: 107-112 (from Chinese to English)

2006 Panels for the Jinsha Archaeological Museum

## **TEACHING EXPERIENCE**

University of California, San Diego (La Jolla, CA)  
2018 “Paleoethnobotany” Graduate laboratory course

2017/2018 “Feeding the World” Undergraduate Seminar

Washington State University (Pullman, WA)

2016 “Feeding the World: The Ethnobiology of farming systems”. Graduate Seminar

2014/ 2015 “Introduction to Anthropology”. Undergraduate Course.

Spring 2015/Fall 2016 “Introduction to Paleoethnobotany”. Graduate Lab Seminar

Institute for the Study of the Ancient World, NYU (New York, NY)

2013 Guest Lecturer “Public Health in the Ancient World” Graduate Seminar

Harvard University (Cambridge, MA)

2015/2016/2017 Guest Lecturer “The Biology of Plants”, Undergraduate course, Department of Organismal and Evolutionary Biology

2013 Guest Lecturer “The Origins of the Food We Eat” Undergraduate and Graduate course

2012 Teaching Fellow, “The Biology of Plants”, Undergraduate course, Department of Organismal and Evolutionary Biology

2011/2012/ 2015/2016 Guest Lecturer, “Plants and People: Introduction to Ethnobiology”, Undergraduate course, Department of Organismal and Evolutionary Biology

2010 Head Teaching Fellow, “Origins of the Food We Eat”, Undergraduate and Graduate course

2009 Head Teaching Fellow, “Introduction to Archaeology”, Undergraduate Course  
(*Harvard Derek Bok Center Award for Excellence in Teaching*)

2008 Head Teaching Fellow, “Introduction to Archaeology”, Undergraduate Course  
(*Harvard Derek Bok Center Award for Excellence in Teaching*)

Sichuan University (Chengdu, China)

2010 Instructor of Record, “Environmental Archaeology and the Origins of Agriculture” Undergraduate and Graduate seminar

2013 Instructor of Record “Collapse: Climate and Civilization” Undergraduate course

2013 Instructor of Record “Feeding the World” Undergraduate course

## **STUDENT ADVISING**

2007-2011

Resident Tutor, Adams House (Masters: Judith Palfrey and John Sean Palfrey)  
Harvard College (Cambridge, MA)

Supervised a total of 8 sophomore advisees and 27 entryway students a year. Wrote an average of 16 letters of recommendation a year and helped students apply for fellowships and graduate school and develop research projects in social sciences.

2014/2015/2016

Professionalization workshop “Tackling the Academic Job Market”  
Washington State University (Pullman, WA)

2017/2018

Professionalization workshop. “Tackling the Academic Job Market”  
University of California, San Diego (La Jolla, CA)

## **UNDERGRADUATE STUDENTS ADVISED**

### **At University of California, San Diego**

Isabella Garcia (McNair Fellow)

Isabell Villasana (McNair Fellow)

Xiyuan Huang

Sunyoung Park

Kendra Scheer

Sarah Sheridan

Zhen Yu

Kyu-min Lee

Alexandra Bachmann

Bonnie Ha Zongye Meng  
Yuwei Zhou

### **At Washington State University**

Caitlin Downey (Freshman, Sophomore years)

### **GRADUATE STUDENTS ADVISED**

#### **At University of California, San Diego**

Luke Stroth (M.A. Reader-2018, PhD Committee)  
Fabian Toro (Primary Advisor)  
Nathaniel James (Primary Advisor)  
Audrey Tan (Climate Science and Policy Capstone Thesis mentor) 2019  
Karen Guittarez (MA Committee member)  
Kendall Mahoney BS/MS Committee member)  
Arianna Garvin Reader (MA, PhD Committee)  
Sophia Lana (Reader MA)  
Loren Clark (Reader MA)  
Valeria Munnia (MA committee)  
Matt Luongo(PhD Committee)  
Luke Stroth (MA Reader and PhD committee)

#### **At Washington State University**

Molly Carney (M.A Committee- Graduated 2016, PhD Committee Chair)  
R. Kyle Bocinsky (Ph.D Committee- Graduated 2015)  
Ryan Syzmanski (Ph.D Committee-Graduated 2018)  
Philip Fisher (Ph.D Committee-Graduated 2018)  
Mario Zimmerman (Ph.D Committee-Graduated 2019)  
Sydney Hanson (MA Chair-Graduated 2017)  
Athar Ali Khan (Ph.D Chair-Social Anthropology)  
Piyawit Moonkham (MA Committee-Graduated 2017)  
Cedric Habiareyme (PhD Committee- Crop and Soil Science-Graduated 2019)  
Andrew Gilreath Brown (Ph.D Committee-Archaeology)  
Jessica Devio (Ph.D Committee-Archaeology)  
Nathaniel James (M.A Chair-Graduated 2018)  
Yawei You (M.A Chair-Graduated 2018)  
Samantha Fulgham (M.A Committee-Graduated 2019)

### **POSTDOCTORAL FELLOWS ADVISED**

#### **At University of California, San Diego**

Alexia Decaix

### **SERVICE TO THE DEPARTMENT**

2009-2010 Freshmen Fortnight Advising, Co-Organizer for the Archaeology Wing  
2009-2010 Coordinator “East Asian Archaeology Seminar” Harvard University  
2008 Graduate Student Representative, Archaeology Wing

2007-2008 Founder and President, Harvard University Anthropology Society

### **SERVICE TO FIELD**

2013- Present Grant Reviewer, *National Science Foundation, National Geographic Society, Austrian Science Foundation, Graduate Women in Science (GWIS) National Fellowship*

2020- Present *IUCN World Heritage Site Reviewer*

2012- Present Peer Reviewer, *Nature, PNAS, Science, Current Anthropology, Geoarchaeology, Quaternary International, The Holocene, Journal of Ethnobiology, Geoscience, Plos-One, Asian Perspectives, Paleobotany and Palynology, Vegetation History and Archaeobotany, Journal of Archaeological Science, Language Dynamics and Change, Wires-Water, Journal of Field Archaeology, Contributions in Ethnobiology, Journal of Archaeological Research, Archaeological and Anthropological Sciences, Scientific Reports, Frontiers in Earth Science, Journal of Ethnobiology,*

2020-Present Editorial Board, *American Anthropologist*

2019-Present Editorial Board, *Archaeology of Food and Foodways*

2019-Present Editorial Board, *Journal of Open Archaeology Data*

2018- Present Editorial Board, *BAR series in East Asian Archaeology*

2017- Present Secretary, *Society of Ethnobiology*

2016 -Present Editor, *Bulletin for the Society for East Asian Archaeology*

2016-Present Editorial Board, *Contributions in Ethnobiology*

2015-Present Founder and President AWAA (Association for Women in Asian Archaeology)

### **SERVICE TO THE UNIVERSITY**

2020-Present Academic Senate Committee on Campus Community and Environment, University of California, San Diego

2018 -Present Founding Faculty Member **Halicioglu Data Science Institute**

2018-Present International Institute Steering Committee

2018- Present Instructional Technology Committee, University of California, San Diego

2008-2009 Advisor to the Assistant Dean of Harvard College on Residential Spaces

2007 International Student Representative, Harvard Graduate Student Council

### **SAMPLE MEDIA COVERAGE**

New York University. "Global cooling event 4,200 years ago spurred rice's evolution, spread across Asia: Scientists use genomics, archeology, and climate data to reconstruct history of rice." ScienceDaily. ScienceDaily, 15 May 2020. [www.sciencedaily.com/releases/2020/05/200515115646.htm](http://www.sciencedaily.com/releases/2020/05/200515115646.htm).

Harrison, Rachel. 2020. Global Cooling Event 4,200 Years Ago Spurred Rice's Evolution, Spread Across Asia

<https://www.nyu.edu/about/news-publications/news/2020/may/rice-evolution-global-cooling-event.html>

Blakely, Rhys. 2020. Cooler climate led to the rise of rice across the world. *The Times*.

<https://www.thetimes.co.uk/article/cooler-climate-led-to-the-rise-of-rice-around-world-d5ch9w2jx>

Hill, Mari. 2018. "UM researcher's study of past planetary cooling offers warnings and strategies for today's warmup" *Missoula Current* <https://www.missoulacurrent.com/outdoors/2018/11/climate-change->

[adaptations/](#)

Page, Samantha. 2018. "Ancient farmers survived climate change by switching crops, storing grain". *Cosmos Magazine* <https://cosmosmagazine.com/climate/ancient-farmers-survived-climate-change-by-switching-crops-storing-grain>

Worthington, Daryl. 2016. Solutions to Climate Change found in Archaeology. *New Historian* <https://www.newhistorian.com/solutions-climate-change-found-archaeology/7762/>

Will Bowen 2017 Surviving Climate Change: UCSD launches Center for Marine Archaeology. <http://www.lajollalight.com/news/health-science/sd-scripps-center-marine-archaeology-20170803-story.html>

Will Ferguson 2015 "Ancients Among Us" Washington State Magazine <https://magazine.wsu.edu/2015/11/06/ancients-among-us/>

Will Ferguson "Solving Ancient Mystery points to resources for a warmer future" WSU News May 1 2015 <https://news.wsu.edu/2015/05/01/solving-ancient-mystery-points-to-resource-for-warmer-future/#.VjE-6NDInKC>

"Ancient archaeological mystery solved: Cooling temps led to farming disaster, collapse of civilization." ScienceDaily. ScienceDaily, 29 April 2015. [www.sciencedaily.com/releases/2015/04/150429090110.html](http://www.sciencedaily.com/releases/2015/04/150429090110.html)

"Cold case Tibet: Climate Change implicated in collapse 4000 years ago". Science 2.0 [http://www.science20.com/news\\_articles/cold\\_case\\_tibet\\_climate\\_change\\_implicated\\_in\\_collapse\\_4000\\_years\\_ago-155177](http://www.science20.com/news_articles/cold_case_tibet_climate_change_implicated_in_collapse_4000_years_ago-155177). 29 April 2015

Marie Therese Walsh "Climate change changed civilization in the Tibetan Plateau after 2000 BCE.Sci Guru news. April 29<sup>th</sup> 2015

Edyta Zielinska "Genetics/Poverty link Questioned" *The Scientist*. February 3<sup>rd</sup> 2013. <http://www.the-scientist.com/?articles.view/articleNo/34253/title/Genetics-Poverty-Link-Questioned/>

Jenn Jackson "Is poverty in our DNA?: Recent Study says Yes" *Beyond Black and White* <http://www.beyondblackwhite.com/poverty-dna-study-yes/>

Austin Considine "Determinism and its enemies are still waging war over the soul of science" *Motherboard* <http://motherboard.vice.com/blog/determinism-and-its-enemies-are-still-waging-war-over-the-soul-of-science>

Paul Voosen "Flap over Study exposes gulf between Disciplines". *Chronicle of Higher Education* <http://chronicle.com/article/Flap-Over-Study-Linking/136947/>

Ewen Callway "Economics and Genetics Meet in Uneasy Union" *Nature* 490: 154–155(11 October 2012)doi:10.1038/490154a

"Fighting Chance: Collaboration Between Geneticists and Economics has Potential to Bear Fruit" *Nature*

490:144 (11<sup>th</sup> October 2012) doi:10.1038/490144a

“Jade d'Alpoim Guedes: Archaeobotany” *Imagine Magazine John Hopkins CTY* Nov-Dec 2010

“Archaeologist from Harvard University begins collaboration with Guizhou Provincial Institute of Archaeology” *Guizhou Ribao (Guizhou Daily)* 30<sup>th</sup> August 2009

“Huayuang’s Han and Song Dynasty Tomb attract the interest of French Archaeologist from Harvard University” *Huaxidu Shibao* 16<sup>th</sup> July 2007

(end)