## Mitch Hendrickson, PhD

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### **EDUCATION**

2003-2007 - PhD Archaeology, University of Sydney, Australia

Thesis: Arteries of Empire: An operational study of transport and communication in Angkorian Southeast Asia (9th to 15th centuries CE)

1997-2001 - Master of Arts Archaeology, University of Calgary, Canada

Thesis: Design analysis of Chihuahuan polychrome jars from North American museum collections

1990-1995 - Bachelor of Arts (Honours) Archaeology, University of Calgary, Canada

Thesis: Contact Iconography: Determination of cultural agents through representative art on the South Coast of Peru

### RESEARCH INTERESTS

Angkor and the Khmer Empire; landscape archaeology; premodern state expansion; material and technological catalysts; Southeast Asia; iron metallurgy; Geographic Information Systems; transportation systems; Buddhism and the archaeology of religion; Hopewell-Mississippian transition

#### **CURRENT POSITIONS**

2022-present	Review Editor, Frontiers in Human Dynamics
2020-present	Director of Graduate Studies, Department of Anthropology, University of Illinois at
	Chicago
2017-present	Associate Professor, Department of Anthropology, University of Illinois at Chicago
2011-2017	Assistant Professor, Department of Anthropology, University of Illinois at Chicago
2011-present	Adjunct Curator, Department of Anthropology, The Field Museum of Natural History
2014-present	Honours College Fellow, University of Illinois at Chicago
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Declined	Associate Editor for Southeast Asia, Archaeological Research in Asia, January 2022.

#### **CURRENT PROJECTS**

2009-present	Director, Industries of Angkor Project (INDAP)
2014-present	Co-Director, Iron and Angkor Project (IRANGKOR)
2014-present	Co-Director, Two Buddhist Towers Project (TBT)
2021-present	Co-Director, Tallgrass Prairie Archaeological Landscape Project (TPALP)

#### **RECENT POSITIONS**

2023- present	Review Editor, Institutions and Collective Action, Frontiers In Human Dynamics
2009-2011	Postdoctoral Fellow and Director, Australian Research Council Discovery Project:
	Industries of Angkor Project. University of Sydney.
2008	Associate Lecturer, Department of Archaeology, University of Sydney (July to December
	2008).
2008	Postdoctoral Fellow. American Council of Learned Societies / Henry Luce Foundation
	Postdoctoral Fellowship in East Asian Archaeology and Early History. University of
	Calgary (January to July 2008).
2007-2011	Research Associate, Greater Angkor Project, University of Sydney, Australia.
2007-2015	Research Affiliate, HeritageWatch, Phnom Penh, Cambodia.

#### GRANTS AND AWARDS

# Major Research/National and International Grants

National Geographic Committee for Research and Exploration. Investigating the role of strategic resources in the rise and fall of the Kingdom of Bagan 9<sup>th</sup> -14<sup>th</sup> c. AD, Myanmar. Kalayar Myat Myat Htwe, Pira Venunan, Bob Hudson, T. Oliver Pryce, Stéphanie Leroy and Mitch Hendrickson. US\$24,636. December 2018 to March 2019.

Role - Partner Investigator.

2016 National Science Foundation Senior Research Grant (1550850). 'Industries of Angkor Project: The Role of Resource Control in the Rise of Social Complexity. Mitch Hendrickson with Stéphanie Leroy, Lisa Tauxe, Cristina Castillo, Quan Hua and Phon Kaseka. US\$247,294. January 2016 to September 2020.

Role - Principle Investigator.

Australian Research Council Discovery Project (DP170102574). Urbanism after Angkor (14th-18th century): Re-defining Collapse. Roland Fletcher, Dan Penny, Martin Polkinghorne, Damian Evans, Christophe Pottier, Mitch Hendrickson, Miriam Stark, Louise Cort, and Ashley Thompson. AU\$ 787,945 (~US\$605,000). January 2017 to December 2019.

Role - Partner Investigator.

L'Agence Nationale de la Recherche (ANR). 'Iron and the Angkorian Empire: an integrated, multidisciplinary approach to evaluate the role of ferrous metallurgy in the expansion of the Angkorian Khmer Empire, Cambodia (9<sup>th</sup> to 15<sup>th</sup> c. CE)'. €491,000 (~US\$659,000). January 2015 to December 2017.

Role – Co-Principle Investigator with Stèphanie Leroy (CNRS, France).

Silver Circle Award for Teaching Excellence. University of Illinois at Chicago. Award given to six teaching faculty across the UIC campus as chosen by senior undergraduate students.

Robert H. N. Ho Family Foundation/ACLS Collaborative Research Grants in Buddhist Studies. 'The Two Buddhist Towers: A multi-scalar evaluation of the practice, change, and function of Buddhism at the regional Angkorian center of Preah Khan of Kompong Svay, Cambodia (10th to 17th c. CE)'. Mitch Hendrickson, Christian Fischer with Dominique Soutif, Julia Estève and Cristina Castillo. US\$141,550. August 2014 to December 2016

Role – Co-Principle Investigator with Christian Fischer (UCLA).

2010 Australian Institute of Nuclear Science and Engineering Awards. 'Industries of Angkor Project: Documenting the history, scale and environmental impact of iron production during the Khmer Empire (11<sup>th</sup> to 15<sup>th</sup> c. CE), Cambodia'. Mitch Hendrickson, Dan Penny, Colin Cooke and Quan Hua. AU\$10,175 (~US\$9,960)

Role – Principle Investigator.

2009 Australian Research Council Discovery Project Grant (0987878). 'Industries of Angkor Project: Material Production and the Decline of the Khmer Empire (11th to 15<sup>th</sup> centuries CE)', held at University of Sydney, January 2009 to December 2011. Mitch Hendrickson, Christophe Pottier, Hans Leisen, Duncan Cooke, and Quan Hua. AU\$329,000. (~US\$296,900). February 2009 to August 2011.

Role – Principle Investigator and Postdoctoral Fellow.

National Geographic Committee for Research and Exploration Grant. Industries of Angkor Project: Material Production and the Decline of the Khmer Empire (11th to 15<sup>th</sup> centuries CE)'. Mitch Hendrickson, Colin Cooke, Dan Penny, Quan Hua. US\$18,250

Role - Principle Investigator.

2008 American Council of Learned Societies / Henry Luce Foundation Postdoctoral Fellowship in East Asian Archaeology and Early History. 'Angkorian Dharmasala Project: Research on Medieval Southeast Asian Transport Infrastructure', held through the University of Calgary between January and August. US\$25,600.

Role - Principle Investigator and Postdoctoral fellow.

2003 Social Sciences Humanities Research Council of Canada Doctoral Fellowship, for September 2003 to September 2007. PhD fellowship. CDN\$76,000 (~US\$62,320)

*International Postgraduate Research Scholarship*, University of Sydney, for July 2003 to July 2007. PhD tuition scholarship. AU\$48,000 (~US\$36,000)

*International Postgraduate Award*, University of Sydney, for July 2003 to July 2006. PhD scholarship. AU\$63,000 (~US\$47,250).

### Applied, Not funded

- 2021 National Endowment for the Humanities (NEH). 'Histories of Intersections: A Collaborative Conceptualization of the Anthropology of Rest along Road Networks'. Rodrigo Solinis-Casparius, Tarini Bedi and Mitch Hendrickson. Requested funds \$161,685. Submitted Sept 28, 2021.
  Role Collaborator
- National Endowment for the Humanities (NEH). 'Stopping along the way: A comparative archaeological and ethnographic investigation of rest and resting places along global roads'. Rodrigo Solinis-Casparius, Tarini Bedi and Mitch Hendrickson. Requested funds \$149,000. Submitted Sept 30, 2020.

Role - Collaborator

#### Other Research Grants and Awards

- 2023 Negaunee Foundation. Parkinson, William A., Jamie Kelly, and Mitch Hendrickson. Tallgrass Prairie Archaeological Landscapes Project: Midewin National Tallgrass Prairie Consortium. To conduct archaeological research at the MNTP. US\$50,000.
- 2015 College of Liberal Arts and Sciences and Institute of Humanities Faculty Research Award, University of Illinois at Chicago. To conduct archival research at the EFEO Paris and present at Emergence of Theravada symposium, SOAS, London, UK and the 15<sup>th</sup> EurASEAA conference in Nanterre, France. US\$4900.
  - Best Anthropology Professor Award. Anthropology Club, University of Illinois at Chicago.
- 2014 College of Liberal Arts and Sciences Junior Faculty Travel Award, University of Illinois at Chicago. To attend the International Symposium on Archaeometry, Los Angeles, California. US\$1000.

College of Liberal Arts and Sciences Junior Faculty Travel Award, University of Illinois at Chicago. To present at the Chacmool Archaeology Conference, University of Calgary, Canada. US\$700.

2013 College of Liberal Arts and Sciences Foreign Travel Award, University of Illinois at Chicago. To present at the Indo-Pacific Prehistory Association meeting, Siem Reap Cambodia, January 2014. US\$1000.

College of Liberal Arts and Sciences Junior Faculty Travel Award, University of Illinois at Chicago. To present at the Indo-Pacific Prehistory Association Meeting, Siem Reap Cambodia, January 2014. US\$1000.

College of Liberal Arts and Sciences Junior Faculty Travel Grant, University of Illinois at Chicago. To present at the Chacmool Archaeology Conference, University of Calgary, Canada. US\$1000.

College of Liberal Arts and Sciences Undergraduate Research Initiative. Supervisor for Undergraduate Research Project. US\$1000.

2012 Campus Research Board Pilot Grant. 'Industries of Angkor Project: Using iron technological

traditions to identify the role of ethnic minorities in the development and collapse of Cambodia's pre-colonial states (7th to 20th centuries CE)'. US\$20,000

Research Grant Support Program-Social Sciences. OSSR. University of Illinois at Chicago. 'Tracking the Invisible 'Other': Using LiDAR to identify archaeological evidence of ethnic minorities within the Khmer Empire (9<sup>th</sup> to 15<sup>th</sup> centuries AD), Cambodia. US\$10,000.

Seed Grant Competition. OSSR. University of Illinois at Chicago. 'Tracking the Invisible 'Other': Using LiDAR to identify archaeological evidence of ethnic minorities within the Khmer Empire (9th to 15th centuries AD), Cambodia. US\$5000.

College of Liberal Arts and Sciences Junior Faculty Travel Grant, University of Illinois at Chicago. To present at the Society for American Archaeology Conference in Honolulu, Hawai'i. US\$1000.

College of Liberal Arts and Sciences Foreign Travel Grant, University of Illinois at Chicago. To present at the European Association of Southeast Asian Archaeology Conference in Dublin, Ireland. US\$800.

College of Liberal Arts and Sciences Junior Faculty Travel Grant, University of Illinois at Chicago. To present at the European Association of Southeast Asian Archaeology Conference in Dublin, Ireland. US\$1000.

College of Liberal Arts and Sciences Foreign Travel Grant, University of Illinois at Chicago. To undertake field research in Phnom Penh, Cambodia. US\$800.

College of Liberal Arts and Sciences Junior Faculty Travel Grant, University of Illinois at Chicago. To present at the Society for American Archaeology Conference, Memphis, USA. US\$1000.

2011 College of Liberal Arts and Sciences Junior Faculty Travel Grant, University of Illinois at Chicago. To present at the Chacmool Archaeology Conference, University of Calgary, Canada. US\$1000.

*Friends of Khmer Culture*. Funds obtained for Cambodian presenters to attend the 17<sup>th</sup> Indo-Pacific Prehistory Association Congress, in Hanoi, Vietnam (Nov 29-Dec 6). US\$1840.

*GeoEye Foundation*. Orbview-3 remote sensing imagery obtained for the Industries of Angkor Project, May.

2006 University of Sydney Postgraduate Travel Grant, University of Sydney, Sept AU\$1100 (~US\$825).

Carlyle Greenwell Bequest Grant, University of Sydney, May. AU\$2472 (~US\$1854).

Postgraduate Research Support Scheme Award, University of Sydney, May. AU\$1462 (~US\$1097).

PhD Research Travel Grant Scheme University of Sydney, May. AU\$1894 (~US\$1420).

2004 Postgraduate Research Support Scheme Award, University of Sydney. AU\$2000 (~US\$1500).

Presentation Award (3<sup>rd</sup> place). 5<sup>th</sup> Association of Pacific Rim Universities Doctoral Students Conference, University of Sydney, August 12. AU\$200 (~\$145).

Carlyle Greenwell Bequest Grant, University of Sydney, May and August. AU\$3208 (~US\$2343)

2000 University of Calgary Graduate Thesis Improvement Grant. CDN\$1800 (~US\$1200)

- 1999 University of Calgary Graduate Travel Grant. CDN\$1000 (\$US680).
  - *Province of Alberta Graduate Scholarship*, for May 1999 to April 2000. Tuition and Research award. CDN\$500 (~US\$335).
- Northern Scientific Training Grant from the Arctic Institute of North America, for June to July. CDN\$1500 (~US\$1010).
- 1993 Alumni Association of the University of Calgary Bursary. CDN\$500 (~US\$395).

### **PUBLICATIONS**

### Monographs and Edited Volumes

- 2023 **Mitch Hendrickson**, Miriam T. Stark and Damian Evans, editors. <u>The Angkorian World</u>. Routledge World Series, Routledge Press, New York.
- 2003 **Hendrickson, Mitch J.** <u>Design Analysis of Chihuahuan Polychrome Jars from North American Museum Collections.</u> British Archaeological Report International Series 1125.
- 2000 Boyd, Matthew, John Erwin and **Mitch Hendrickson**, editors. <u>The Entangled Past: Archaeology and History Proceedings' 30<sup>th</sup> Chacmool Archaeological Conference Proceedings</u>, Chacmool Press, Calgary.

### **Peer Reviewed Articles and Book Chapters**

Published

Mitch Hendrickson, Miriam T. Stark, Damian Evans with Roland Fletcher. *Prologue: An Introduction to the Angkorian World.* In <u>The Angkorian World</u>, edited by **Mitch Hendrickson**, Miriam Stark and Damian Evans. Routledge World Series, Routledge Press, New York, pp. pp. 1-14.

**Mitch Hendrickson,** Ea Darith, Chhay Rachna, Phon Kaseka, Stéphanie Leroy, Tabata Yukitsugu, Brice Vincent. *Crafting with Fire: Stoneware and Iron Pyrotechnologies in the Angkorian World.* In <u>The Angkorian World</u>, edited by **Mitch Hendrickson**, Miriam Stark and Damian Evans. Routledge World Series, Routledge Press, New York, pp. 385-400.

**Hendrickson, Mitch**, Eileen Lustig and Siyonn.Sophearith. 'Of Cattle and Kings': Bovines in the Angkorian World. In <u>The Angkorian World</u>, edited by **Mitch Hendrickson**, Miriam Stark and Damian Evans. Routledge World Series, Routledge Press, New York, pp. 459-478.

Lowman, Ian, Chhom Kunthea and **Mitch Hendrickson**. *An Angkor Nation? The Core of Khmer Empire*. In <u>The Angkorian World</u>, edited by **Mitch Hendrickson**, Miriam Stark and Damian Evans. Routledge World Series, Routledge Press, New York, pp. 479-493.

- Hendrickson, Mitch. Death and the Reclining Buddha. In <u>Beyond Death: Belief, Practice and Material Expression</u>, edited by P.R. Williams, G.M. Feinman and L.M. Ynoñán. Oxford: BAR Publishing and Fieldiana, pp.107-108. <a href="https://doi.org/10.30861/9781407360430">https://doi.org/10.30861/9781407360430</a>.
- Shuhui Cai, Rashida Doctor, Lisa Tauxe, **Mitch Hendrickson**, Quan Hua, Stéphanie Leroy and Kaseka Phon. Archaeomagnetic results from Cambodia in Southeast Asia: Evidence for possible low-latitude flux expulsion. PNAS 118(11) https://doi.org/10.1073/pnas.2022490118
- 2020 Leroy, Stéphanie, Sylvain Bauvais, Emmanuelle Delqué-Kolic, **Mitch Hendrickson**, Nicolas Josso, Jean Pascal Dumoulin and Dominique Soutif. *First experimental reconstruction of an Angkorian iron furnace (13<sup>th</sup> -14<sup>th</sup> centuries CE): Archaeological and Archaeometric Implications. <u>Journal of Archaeological Science Reports</u> 34 Part A (December) 102592 <a href="https://doi.org/10.1016/j.jasrep.2020.102592">https://doi.org/10.1016/j.jasrep.2020.102592</a>*

**Hendrickson, Mitch** and Stéphanie Leroy. *Sparks and Needles: Seeking catalysts of state expansion through technological interaction at Angkor, Cambodia (9<sup>th</sup> to 13<sup>th</sup> centuries CE).* <u>Journal of Anthropological Archaeology</u> 57 (March). doi: <a href="https://doi.org/10.1016/j.jaa.2019.101141">https://doi.org/10.1016/j.jaa.2019.101141</a>

- Hendrickson, Mitch, Stéphanie Leroy, Cristina Castillo, Quan Hua, Enrique Vega and Phon Kaseka. Forging Empire: Angkorian iron production, community and religious practice at Tonle Bak, Cambodia. Antiquity 93(372):1586-1606. https://doi.org/10.15184/aqy.2019.174
- Vega, Enrique, Stéphanie Leroy, Philippe Dillmann, Gaspard Pagès, **Mitch Hendrickson**, Florian Téreygeol. *L'analyse chimique des déchetssidérurgiques sur le terrain par pXRF Un jeu d'échelle sous contraintes*. In <u>Instrumentation portable: Quels enjeux pour l'archéométrie?</u>, edited by Benech, Christophe, Nadia Cantin, , Marie-Angélique Languille, Arnaud Mazuy, Laurianne Robinet, and Antoine.Zazzo. Editions des archives contemporaines, Coll. «Sciences archéologiques»: Paris, pp. 213-229. https://doi.org/10.17184/eac.9782813003294
- 2018 **Hendrickson, Mitch**, T. Oliver Pryce, Till Sonnemann, Phon Kaseka, Quan Hua and Chan Sovichetra. *Industries of Angkor Project: Preliminary investigation of iron production at Boeng Kroam, Preah Khan of Kompong Svay*. <u>Journal of Indo-Pacific Archaeology</u> 42:32-42
- Leroy, Stéphanie, **M. Hendrickson**, S. Bauvais, T. Blanchet, A. Disser, E. Vega, and E. Delque-Kolic. *The Ties that Bind: Archaeometallurgical typology of architectural crampons as a method for reconstructing the iron economy of Angkor, Cambodia* (10<sup>th</sup> to 13<sup>th</sup> c.). <u>Archaeological and Anthropological Sciences</u> 10:2137–2157.
- 2017 **Hendrickson, Mitch.** *Transportation and the anomaly of road systems in historic Mainland Southeast Asia.* In <u>Handbook of East and Southeast Asian Archaeology</u>, edited by Junko Habu, Peter Lape, and John Olsen. Springer Press: New York, pp. 533-546.
- **Hendrickson, Mitch,** Stéphanie Leroy, Quan Hua, Phon Kaseka and Voeun Vuthy. *Smelting in the Shadow of the Iron Mountain: Preliminary Field Investigation of the Industrial Landscape around Phnom Dek, Cambodia (Ninth to Twentieth Centuries A.D.).* <u>Asian Perspectives</u> 56(1):55-91.
- Hall, Tegan, Dan Penny, **Mitch Hendrickson**, Colin Cooke and Quan Hua 2016. *Iron and Fire:* geoarchaeological history of a Khmer industrial city during the decline of the Angkor Kingdom. <u>Journal of Archaeological Science Reports</u> 6:53-63.
- 2015 **Hendrickson, Mitch** and Damian Evans. 2015. *Reimagining the City of Fire and Iron: A landscape archaeology of the Angkor-Period Industrial Complex of Preah Khan of Kompong Svay, Cambodia (ca. 9th to 13th centuries A.D.).* Journal of Field Archaeology 40(6):644-664.
- Leroy, Stéphanie, **Mitch Hendrickson**, Emmanuelle Delqué-Kolic, Enrique Vega and Philippe Dillmann. First direct dating for the construction and modification of the Baphuon temple mountain in Angkor, Cambodia. PLoS One Online November 4, 2015. 1:13. DOI: 10.1371/journal.pone.0141052
- **Hendrickson, Mitch**, T. Oliver Pryce, Till Sonnemann, Phon Kaseka, Quan Hua and Chan Sovichetra. *Industries of Angkor Project: Recherches préliminaires sur la production de fer au Boeng Kraom, Preah Khan de Kompong Svay (Bakan*). (in French) <u>Siksācakr. Journal of Cambodia Research</u>. 14-15 (2015-2016): 115-134.
- 2014 Pryce, T. Oliver, **Mitch Hendrickson**, Kaseka Phon, Sovichetra Chan, Michael F. Charlton, Stéphanie Leroy, Philippe Dillmann, and Quan Hua. 2014. *The Iron Kuay of Cambodia: Tracing the role of peripheral populations in Angkorian to Colonial Cambodia via a 1200 year old industrial landscape.*<u>Journal of Archaeological Science</u> 47:142–163
- 2013 **Hendrickson, Mitch**, Quan Hua and T. Oliver Pryce. 2013. *Using in-slag charcoals as an indicator of 'terminal' iron production within the Angkorian (10<sup>th</sup>-13<sup>th</sup> centuries AD) center of Preah Khan of Kompong Svay, Cambodia.* Radiocarbon 55(1):31-47.
- 2012 Pottier, Christophe, Dan Penny, **Mitch Hendrickson** and Elizabeth Carter. 2012. *Unearthing an Atlantean Myth in Angkor: Geoarchaeological investigation of the 'underwater road' crossing the Tonle Sap Lake*, Cambodia. Journal of Archaeological Science 39:2604-2611.

- Hendrickson, Mitch. 2011. A transport geographic perspective on travel and communication in Angkorian Southeast Asia (9th to 15th centuries AD). World Archaeology 43(3):444-457.
- Hendrickson, Mitch. 2010 Historic Routes to Angkor: Development of the Khmer Road System (9th to 13th centuries CE) in mainland Southeast Asia. Antiquity 84(324):480-496.

**Hendrickson, Mitch**. La Voie Royale était-elle dallée? Re-appraising a myth of the Angkorian period road system (9<sup>th</sup> to 15<sup>th</sup> centuries AD). <u>Aséanie</u> 26:83-109.

Hendrickson, Mitch. 2008. People around the Houses with Fire: Archaeological investigation of settlement around the Jayavarman VII 'resthouse' temples. <u>UDAYA</u>: Journal of Khmer Studies 9:63-79.

**Hendrickson, Mitch**. *New evidence of brown glaze stoneware kilns along the East road from Angkor*. Bulletin of the Indo-Pacific Prehistory Association 28:52-56.

2003 Kelley, Jane H., Karin T. Burd, and **Mitchel J. Hendrickson**. *Ceramics as Temporal and Spatial Indicators in Chihuahuan Cultures*. In <u>Surveying the Archaeology of Northwest Mexico</u>, edited by Gillian E. Newell and Emiliano Gallaga. University of Utah Press, Salt Lake City, pp. 177-204.

## Published Peer-Reviewed Conference Proceedings

2012 Lustig, Eileen and **Mitch Hendrickson**. *Angkor's Roads: An Archaeo–Lexical Approach*. In Connecting Empires: Selected Papers from the 13<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists. Volume 2, edited by Dominik Bonatz, Andreas Reinecke and Mai Lin Tjoa-Bonatz. NUS Press, Singapore, pp.191-208.

Hendrickson, Mitch. Connecting the Dots: Investigating the issue of transportation between the temple complexes of the medieval Khmer (9th to 14th centuries AD). In Old Myths and New Approaches:

Advances in the Interpretation of Religious Sites in Ancient Southeast Asia, edited by Alexandra Haendel. Centre of Southeast Asian Studies, Monash Asia Institute, Melbourne, pp. 70-88.

2001 **Hendrickson, Mitch.** Lost Pots and Untold Tales: A Stylistic Recontextualization of Chihuahuan Polychrome Jars from North American Museum Collections. In From Paquimé to Mata Ortiz: The Legacy of Ancient Casas Grandes, edited by G. Johnson. San Diego Museum of Man Papers 40. San Diego Museum of Man Press: San Diego, pp. 37-55.

**Hendrickson, Mitch.** Are You My Type? Styles in Classification of Medio Period Polychrome Ollas, Casas Grandes, Chihuahua. In Collected Papers from the 11<sup>th</sup> Jornada Mogollon Conference 20<sup>th</sup> Anniversary, edited by P. Beckett. Coas Publishing and Research, Las Cruces, New Mexico, pp. 119-131.

### Book Reviews

2020 Angkor and the Khmer Civilization by Michael Coe and Damian Evans. Thames & Hudson 2018. <u>Journal of Anthropological Research</u>. February 76(1):151-153.

## In Press

Leroy, Stéphanie and **Mitch Hendrickson.** La production et la circulation du fer dans le royaume angkorien éclairées par les crampons architecturaux des temples d'Angkor. Book Chapter Publication des actes du colloque <u>Anthrpologie et Archéologie due Fer</u>. Paris: Musée Quay Branly.

## In Preparation

Leroy, Stéphanie, **Mitch Hendrickson**, Enrique Vega, Philippe Dillmann, and Quan Hua. Follow the Smelting Recipe: Using in-field pXRF prospection, data mining and systematics to model spatio-temporal variation of bloomery slags across an iron production landscape in Cambodia (9th to 20th centuries). To be submitted to <u>Journal of Archaeological Method and Theory</u>. August 2023.

Hills, Kendall, Christian Fischer, and **Mitch Hendrickson**. *Finding the Foundations: Procurement and consumption of sandstone in Preah Khan of Kompong Svay*, Cambodia. To be submitted to Archaeological Research in Asia. August 2023.

**Hendrickson, Mitch,** Christian Fischer, Kendall Hills and Phon Kaseka. *Industries of Angkor Project: Banteay Meanchey Sandstone Survey. June 2018 Field Campaign Report.* Submitted to Ministry of Culture and Fine Arts, Phnom Penh, Cambodia. 28pp.

**Hendrickson, Mitch**, Stéphanie Leroy, Enrique Vega, Lisa Tauxe and Cristina Castillo. 2017. *Industries of Angkor Project: Tonle Bak Site. January-February 2017 Field Campaign Report*. Submitted to Ministry of Culture and Fine Arts, Phnom Penh, Cambodia. 26p.

**Hendrickson, Mitch** and Stéphanie Leroy. 2016. *Industries of Angkor Project: Phnom Dek and Preah Khan of Kompong Svay. March 2016 Field Campaign Report*. Submitted to Ministry of Culture and Fine Arts, Phnom Penh, Cambodia. 22p.

**Hendrickson, Mitch** and Christian Fischer. 2016. *Industries of Angkor Project. The Two Buddhist Towers Preliminary Report for the Field Campaign at Preah Khan of Kompong Svay*. Report submitted to Ministry of Culture and Fine Arts, Phnom Penh, Cambodia. 37p.

**Hendrickson, Mitch** and Stéphanie Leroy. 2015. *Industries of Angkor Project. Iron Production and Consumption in the Khmer Empire. Preliminary scientific report on the provenance and dating of iron crampons from the Preah Khan temple*. Report submitted to APSARA, Siem Reap, Cambodia. 14p.

**Hendrickson, Mitch** and Stéphanie Leroy. 2015. *Industries of Angkor Project. Iron Production and Consumption in the Khmer Empire. Preliminary scientific report on the provenance and dating of iron crampons from the Baphuon temple.* Report submitted to APSARA, Siem Reap, Cambodia. 13p.

Hendrickson, Mitch and Stéphanie Leroy. 2015. Industries of Angkor Project. Iron Production and Consumption in the Khmer Empire. Preliminary scientific report on the provenance and dating of iron crampons from the Gopuras of the Royal Palace. Report submitted to APSARA, Siem Reap, Cambodia. 14p.

**Hendrickson**, **Mitch**, Stéphanie Leroy, T. Oliver Pryce, Phon Kaseka and Quan Hua. 2012. *Industries of Angkor Project: Preah Khan of Kompong Svay (Prasat Bakan)*. *December 2010 Field Campaign Report*. Report submitted to Ministry of Culture and Fine Arts, Phnom Penh, Cambodia. 23p.

**Hendrickson, Mitch** and T. Oliver Pryce. 2011. *Industries of Angkor Project: Iron Kuay February 2010 Field Campaign Report*. Translated into Khmer by So Malay and Phon Kaseka. Report submitted to Ministry of Culture and Fine Arts, Phnom Penh, Cambodia. 22p.

**Hendrickson, Mitch**, D. Penny, C. Cooke, and T. O. Pryce. 2010. *Industries of Angkor Project: Preah Khan of Kompong Svay (Prasat Bakan)*. *Field Campaign Report December 2009*. Report submitted to Ministry of Culture and Fine Arts, Phnom Penh, Cambodia. 21p.

**Hendrickson, Mitch**, H. Leisen, D. Penny, Phon K., E. Von Plehwe-Leisen, T. O. Pryce and T. Sonnemann.2010. *Industries of Angkor Project: Preah Khan of Kompong Svay (Prasat Bakan)*. *Preliminary Report January-February 2009*. Report submitted to Ministry of Culture and Fine Arts, Phnom Penh, Cambodia. 96p.

**Hendrickson**, **Mitch**. 2009 *Prasat Phtu*. Report for the Angkorian Dharmasala/Greater Angkor Project 2008 Preliminary Report Series. Report submitted to APSARA, Siem Reap, Cambodia. 45p.

**Hendrickson, Mitch**. 2009. *Prasat Sampou*. Report for the Angkorian Dharmasala/Greater Angkor Project 2008 Preliminary Report Series. Report submitted to APSARA, Siem Reap, Cambodia. 55p.

**Hendrickson, Mitch**, Dan Penny, Shaun Mackey, Sam Player and Andrew Wilson. 2007. *Krol Romeas*. Greater Angkor Project 2002-2007 Preliminary Reports Series. Report submitted to APSARA, Siem Reap, Cambodia. 35p.

**Hendrickson, Mitch**. 2006. *Banteay Srah Region*. Greater Angkor Project 2002-2006 Preliminary Reports Series. Report submitted to APSARA, Siem Reap, Cambodia. 9p.

**Hendrickson**, **Mitch** and Chhay Visoth. 2005. *Phlau Beng Site*. Co-author with Chhay Visoth. Greater Angkor Project 2002-2007 Preliminary Reports Series. Report submitted to APSARA, Siem Reap, Cambodia. 18p.

Kelley, Jane H., Karen Adams, Karin Burd, Richard A. Garvin, **Mitch Hendrickson**, Joe D. Stewart, and Monica Webster. 2000. *Proyecto Arqueológico Chihuahua Informe del Temporada*. Co-author with. Informe al Consejo de Arqueología Instituto Nacional de Antropología e Historia, Mexico City, Mexico.

**Hendrickson, Mitch**. 1992. *Cigarettes and Packages: The Shrouded History of Tobacco and Paper from 1875-1900*. Research paper submitted to the Duke Homestead, Raleigh, North Carolina and to the Imperial Tobacco Company archives, Montreal, Quebec.

### Magazine Contributions

2019. Le Travail du Fer. Comprendre la production, la circulation et l'utilisation des objets. Archéologia, Juille-Août 2019, N. 578.

2009. *The Khmer Empire. Cambodia's Medieval Splendor*. Consultant for Map Insert. Time Line Map and content consultant. <u>National Geographic Magazine</u>, July 2009, Volume 216. No.1.

2008. Cambodia's Ancient Roads. Touchstone. January/February 2008:22-26.

#### SYMPOSIA AND MEETING ORGANIZATION

- 2015 Session Organizer. Archaeologies of Religion: Material Approaches to the Study of Belief Systems in Southeast Asia at the 15<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeology, Nanterre, France. July 6-10.
- 2014 Session Organiser. New perspectives on the Khmer Empire: Origins, Expansions and Collapse at the 20<sup>th</sup> Indo-Pacific Prehistory Association Congress, Siem Reap Cambodia. January 12 to 18.
- 2013 Symposium Organiser and Chair. Old Borders and New Frontiers: Doing Historical Archaeology in Southeast Asia at the 78th Society for American Archaeology Meetings, Honolulu, Hawai'i. April 3-7
- 2012 Session Organiser and Chair. Historical Archaeology of the Khmer Empire: Challenges and New Perspectives session at the 14<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists Conference, Dublin, Ireland. September 19-21.
- 2011 *Conference Organizer*. Archaeology in Cambodia: Current Research and Future Prospects. Conference and Workshop. Siem Reap, Cambodia. March 5-7, 2011.
- 2010 Session Organizer and Chair. Beyond Angkor: Recent archaeological research at provincial Khmer settlements, 13th International Conference of the European Association of Southeast Asian Archaeologists, Berlin, Germany. September 27 to October 1.
- 2009-10 Organizer and Discussant. Angkor Research Program Talks Series. University of Sydney, July 2009 to August.
- Symposium Organizer and Chair. University of Sydney Cambodian Research Symposium, Siem Reap. December 6.
   Session Organizer and Chair. Making Artefacts, Building Landscapes: archaeological studies of material production, distribution and labour organisation in Cambodia, 19th Congress of the Indo-Pacific Prehistory Association Hanoi, Vietnam. November 29 to December 5.
- Conference Organizer and Session Chair. Angkor: Landscape, City, and Temple Conference, University of Sydney. July 17-21.
   Session Organizer and Chair. Cambodian Archaeology Session. Indo-Pacific Prehistory Association conference, Manila, Philippines. March 20-26.
- 2005 Conference Organizer. Khmer Symposium, University of Sydney, Sydney. July 19-20.
  Session Organizer. Space and time, water and mud: New developments in the reconstruction of cultural landscapes in Southeast Asian archaeology Society of American Archaeology Meetings, Salt Lake City, Utah, USA.March 30-April 3.
- 2004 *Conference Session Chair*. 5<sup>th</sup> Association of Pacific Rim Universities Doctoral Students Conference, University of Sydney, Sydney, Australia. August 11.
- 1994 *Conference Organizer*. 26<sup>th</sup> Chacmool Archaeological Conference, University of Calgary, Canada, December 1993 to November.

#### INVITED LECTURES

**2023** Angkor's 'Second City'? Iron production, Buddhism, and Urban Identity at Preah Khan of Kompong Svay, Cambodia (9<sup>th</sup> to 13<sup>th</sup> centuries AD). Invited talk at the AIA-Rockford Symposium Series, Rockford, IL. November 2, 2023.

Recognizing Angkor's 'Second City': Technology, Religion, and Urban Identity at Preah Khan of Kompong Svay, Cambodia (9th to 13th centuries AD). Invited talk to the Department of Anthropology Brown Bag Series, University of Wisconsin, Madison, WI. October 13, 2023

How did the Khmer build Angkor Wat? Invited lightning talk in the Politics, Aesthetics and Culture Session for LAS Research Day, University of Illinois at Chicago, Chicago, IL. April 21, 2023.

- 2022 The Two Buddhist Towers: Understanding the Development of Preah Khan of Kompong Svay (Bakan). Mitch Hendrickson, Christian Fischer, Julia Estève, Dominque Soutif, Phon Kaseka, Cristina Castillo, Quan Hua, & Damian Evans. Invited talk at the 30<sup>th</sup> Anniversary of the Re-Opening of the EFEO Centre (Siem Reap). Online December 12, 2022.
- 2021 Iron and the Second City: Technological interaction, smelting communities and religion in the expansions of Angkor, Cambodia (9th to 13th centuries C.E.). Invited talk in the President's Plenary Session the Archaeological Association of America. Chicago, IL. Online. January 8, 2021.
- **2019** The Industries of Angkor Project. Results from Tonle Bak. Ministry of Culture and Fine Arts Workshop Phnom Penh, Cambodia. May 30, 2019
- **2018** Steely Places and Angkorian Spaces? Conceptualizing the rise of the Khmer Empire (11<sup>th</sup> to 13<sup>th</sup> c. CE), Cambodia. Invited talk at the Center for Southeast Asia Studies, Northern Illinois University, DeKalb IL. October 26, 2018.

How did Angkor become Angkor? Conceptualizing the rise of the Khmer Empire (9<sup>th</sup> to 15<sup>th</sup> c. CE), Cambodia. Invited talk to the Center for Southeast Asia Studies and Department of Anthropology Brown Bag Series, University of Wisconsin, Madison, WI. October 19, 2018.

Steely Places and Angkorian Spaces? Conceptualizing the rise of the Khmer Empire (11th to 13th c. CE), Cambodia. Invited talk at the Department of Anthropology, University of Toronto, Toronto, ON, Canada. March 16, 2018.

**2017** *The Industries of Angkor Project: Results of archaeological research 2009-2017.* Invited presentation at the Royal Academy of Cambodia, Phnom Penh, Cambodia. December 15, 2017.

Sparks and Needles: New perspectives on the processes and paradigms of state expansion during the medieval Angkorian Period, Cambodia. Brown Anthropology Department Colloquium. Brown University, Providence, RI, USA. November 3, 2017.

- 2016 The Two Buddhist Towers Project: Multidisciplinary investigation of religious and community change during the Angkorian period (11<sup>th</sup> to 16<sup>th</sup> c. CE) at Preah Khan of Kompong Svay, Cambodia. Invited lecture for the Brown Bag Talk Series, Department of Anthropology, University of Illinois at Urbana-Champaign, February 18, 2016. <a href="https://www.youtube.com/watch?v=-dYMBRgPaRQ">https://www.youtube.com/watch?v=-dYMBRgPaRQ</a>
- 2015 Iron, God-Kings and 'Invisible Others': Multidisciplinary investigation of industrial production and consumption on the edge of the Angkorian Khmer Empire, Cambodia. Invited lecture for the Brown Bag Talk Series, Department of Anthropology, University of Wisconsin Madison. May 1, 2015.
- **2013** Tracking the Rise of Angkor from the Edge of Empire: Recent investigations by the Industries of Angkor Project at Preah Khan of Kompong Svay (Preah Khan), Cambodia. Invited talk given at the Center for Southeast Asian Studies, Northern Illinois University, DeKalb. September 20.

The Industries of Angkor Project: Investigating the role of iron production in the expansion and decline of the Khmer Empire (11th to 15<sup>th</sup> centuries CE), Cambodia. Invited talk at the Archaeological Society of Alberta, Calgary, Canada. January 16, 2013.

**2012** On the Edge of Empire: Generating new perspectives on the Angkorian Khmer (9<sup>th</sup> to 15<sup>th</sup> c. CE) from the regional centre of Preah Khan of Kompong Svay, Cambodia. Invited talk at the Armour Seminar Series, The Field Museum, Chicago, IL. March 7, 2012

## CONFERENCE PRESENTATIONS AND SEMINARS

2023 Why Stop Smelting Here? Using the history of a slag concentration to understand variability in Angkorian iron production sites across the Phnom Dek metallurgical landscape, Cambodia. World of Iron Conference at 10. Nairobi, Kenya. Paper accepted but not given. November 2023.

*Us v. Them? Looking for Urban Identities in Premodern States and Empires.* Weekly Afternoon Anthropology Talk Series. UIC, October 9, 2023.

The Power of Pyrotechnologies: Ceramic, iron and bronze in the rise of the Angkorian Khmer Empire, Cambodia (9<sup>th</sup> to 14<sup>th</sup> c. CE). 88<sup>th</sup> SAA Meeting, Portland, OR. March 31, 2023.

2022 Living on the 'Edge' of Empire: A Scalar Comparison of Angkorian Settlement Patterns at Preah Khan of Kompong Svay and the Phnom Dek metallurgical landscape (11<sup>th</sup> to 13<sup>th</sup> c. CE). **Mitch Hendrickson**, Cristina Castillo, Dominique Soutif, Phon Kaseka, Julia Estève and Damian Evans. 22<sup>nd</sup> Congress of the Indo-Pacific Prehistory Association, Chiang Mai, Thailand. November 12, 2022.

Production and Distribution of Iron in the Angkor Kingdom: Evolution of Technical Practices and Networks Between Smelters and Consumers (9th - 15th c.). Stéphanie Leroy, **Mitch Hendrickson**, Enrique Vega, Emmanuelle Delque-Kolic. 22<sup>nd</sup> Congress of the Indo-Pacific Prehistory Association, Chiang Mai, Thailand. November 9, 2022.

The Second City of Angkor: Investigating Urbanism, Buddhism and Technological Practices at Preah Khan of Kompong Svay, Cambodia (11th to 13th c. CE). Mitch Hendrickson, Christian Fischer, Julia Estève, Dominque Soutif, Stéphanie Leroy, Cristina Castillo, and Phon Kaseka. 87th SAA Meeting, Chicago, IL. April 2, 2022.

Following the Recipe: Using pXRF to track the evolution of iron smelting practices during the rise and fall of the Angkorian Khmer Empire, Cambodia (7th to 20th centuries). Stéphanie Leroy, Mitch Hendrickson, Enrique Vega, Quan Hua. 87<sup>th</sup> SAA Meeting, Chicago, IL. April 2, 2022.

2021 A Brief History of Angkor's Iron: Reconstructing multi-scalar chronologies in the Phnom Dek metallurgical landscape, Cambodia. Mitch Hendrickson, Dr. Quan Hua, Dr. Shuhui Cai, Dr. Lisa Tauxe, Dr. Stéphanie Leroy, Kaseka Phon. 15<sup>th</sup> International Conference on Accelerated Mass Spectrometry, ANSTO, Sydney, Australia (online). November 15, 2021.

Iron Scales: Reconstructing the history and organization of Angkorian iron smelting around Phnom Dek, Cambodia (9<sup>th</sup> to 15<sup>th</sup> c. CE). Mitch Hendrickson, Stephanie Leroy, Enrique Vega and Quan Hua. 86<sup>th</sup> SAA Meeting, San Francisco, CA (online). April 15, 2021

- **2019** The Bagan Iron Project: Preliminary Results of the first intensive study of iron production in the Bagan region, Myanmar (11th to 20th c. CE). Kalayar Myat Myat Htwe, U Phyo Pyae Ko Ko, Pir Venunan, Mitch Hendrickson, Stéphanie Leroy, Bob Hudson, T. Oliver Pryce. 3rd SEAMEO SPAFA International Conference on Southeast Asian Archaeology, Bangkok, Thailand. June 20, 2019.
- **2018** Iron smelting, community and ritual during the time of Angkor. New insights from the Tonle Bak site, Cambodia. **Mitch Hendrickson**, Stéphanie Leroy, Cristina Castillo, Quan Hua and Phon Kaseka. 21st Congress of the Indo-Pacific Prehistory Association, September 28, 2018 Hue, Vietnam.

Space, the Iron Frontier...Production, Spatial Organization and Historicity of Iron Metallurgy within the Angkorian Khmer Empire, Cambodia (9th to 15th c. CE). Mitch Hendrickson, Stéphanie Leroy, Quan Hua, Phon Kaseka and Enrique Vega. 83<sup>rd</sup> SAA Meeting, Washington, DC. April 13, 2018

**2017** The spark and the needle or, how to use complexity economics to determine the cause(s) of state expansion(s). 50<sup>th</sup> Annual Chacmool Conference. University of Calgary, Calgary, AB, Canada. November 10, 2017.

Houses of the Holy crap! Results of recent fieldwork on iron, community and religion at the Tonle Bak site, Cambodia. "Fresh Outta Field" Brown Bag Talk, University of Illinois at Chicago, Chicago, IL, USA. April 12, 2017.

The Industry of Empire: Investigating the spatial and technological organization of Angkorian iron production around Phnom Dek, Cambodia. Mitch Hendrickson, Stéphanie Leroy, Enrique Vega and Quan Hua. Presentation given at the 82<sup>nd</sup> SAA Meeting, Vancouver, BC. April 1, 2017.

Finding Buddha: Hi-tech approach to the study of Buddhist transition at the Angkorian center of Preah Khan of Kompong Svay, Cambodia (10<sup>th</sup> to 16<sup>th</sup> c. CE). Christian Fischer and Mitch Hendrickson. Invited presentation for the National Geographic sponsored session at the 82<sup>nd</sup> SAA Meeting. Vancouver, BC, March 30, 2017.

Palimpsests of Empire: An archaeological view of the expansion of medieval Angkor, Cambodia. "The Palimpsestic Past and Present of Southeast Asia". Keynote speech given at the University of Washington Southeast Asia Center Graduate Student Conference, University of Washington, Seattle, March 23, 2017.

*The Industries of Angkor Project. Summary of Research 2009-2016.* Ministry of Culture and Fine Arts Workshop Phnom Penh, Cambodia January 24, 2017.

2016 Holy crap! Results of recent field research on the industrial landscape surrounding the 'Iron Mountain', Cambodia (10<sup>th</sup> to 20<sup>th</sup> c. CE). "Fresh Outta Field" Brown Bag Talk, University of Illinois at Chicago, April 28, 2016.

The Two Buddhist Towers: Recent field research on religious and community change during the Angkorian period (11<sup>th</sup> to 16<sup>th</sup> c. CE) at Preah Khan of Kompong Svay, Cambodia. "Fresh Outta Field" Brown Bag Talk, University of Illinois at Chicago, February 24, 2016.

**2015** Iron and the Khmer empire (9th to 15th c.): a multidisciplinary (sourcing and dating) approach to evaluate the iron procurement during the Angkorian period. Co-presenter with Stéphanie Leroy, Philippe Dillmann, Emmanuelle Delque-Kolic, Enrique Vega at the 15<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists, Université Paris Ouest Nanterre la Défense. July 10, 2015.

The Two Buddhist Towers: Multidisciplinary evaluation of Buddhist transition at the Khmer regional centre of Preah Khan of Kompong Svay (11th to 16th c. CE). Co-presenter with Julia Estève, Dominique Soutif, Christian Fischer, Cristina Castillo and Phon Kaseka at the 15th International Conference of the European Association of Southeast Asian Archaeologists, Université Paris Ouest Nanterre la Défense. July 7, 2015.

The Two Buddhist Towers: Multidisciplinary evaluation of Buddhist transition at the Khmer regional centre of Preah Khan of Kompong Svay (11th to 16th c. CE). Co-presenter with Julia Estève, Dominique Soutif, Christian Fischer, Cristina Castillo and Phon Kaseka at The Emergence of Theravada Buddhism in Cambodia: Southeast Asian Perspectives Symposium, School of Oriental and Asian Studies, London, UK. July 3, 2015.

*Industries of Angkor Project: Recent Progress.* Lecture given to University of Sydney Interdisciplinary Field School at the Robert Christie Research Center, Siem Reap Cambodia. January 8, 2015.

2014 Digitizing Nodes of a Hydraulic Empire: Investigating the distribution of medieval Angkorian Khmer water tanks as a marker of settlement history using GoogleEarth. Chacmool Conference, University of Calgary. November 8, 2014.

Iron and the Khmer Empire, Cambodia (9th to 15th c.): first study on the sourcing and dating of iron construction materials of Angkor. Stéphanie Leroy, M. Hendrickson, E. Delqué-Količ, E. Vega and

Philippe Dillmann. International Symposium on Archaeometry 2014, Los Angeles, California. May 20, 2014

Industry beyond Angkor: Investigations of an iron production landscape on the eastern edge of the Khmer Empire. Indo-Pacific Prehistory Association Congress, Siem Reap, Cambodia. January 14, 2014.

New data on the sourcing and dating of iron construction materials of Angkor. Stéphanie Leroy, M. Hendrickson, E. Delqué-Količ, E. Vega and Philippe Dillmann. Indo-Pacific Prehistory Association Congress, Siem Reap, Cambodia. January 14, 2014.

2013 To build or not to build? Road networks as anomalies in historic mainland Southeast Asia. Invited paper for the "Travelscapes Case Studies of Terrestrial Human Movement" session at the 46<sup>th</sup> Chacmool Archaeology Conference, University of Calgary. November 7-9, 2013.

Adventures in the Wild, Wild East: Recent progress of the Industries of Angkor Project. Talk given at the Robert Christie University of Sydney Research Centre, Siem Reap, Cambodia, June 6, 2013.

Fusing Scissors, Paper and Rock: An archaeological investigation of the metallurgy, text and masonry histories at the Angkorian Khmer complex of Preah Khan of Kompong Svay, Cambodia. Presentation at the 78th Society for American Archaeology Meetings in Honolulu, USA. April 5, 2013.

Dating the end of Industry? Assessing the history of iron production within the Angkorian period centre of Preah Khan of Kompong Svay, Cambodia. Invited talk at the Recent Advances in the Archaeology of East and Southeast Asia Conference, University of Wisconsin at Madison, Madison. March 16, 2013.

The Hydraulic Nodes of Empire: Examining the cultural significance of artificial water tanks within the 6<sup>th</sup> to 15<sup>th</sup> c. Khmer landscape, Cambodia. Invited talk at Work in Progress: the Field Museum Anthropology Lecture Series, Field Museum, Chicago. January 28, 2013.

2012 Drawing back the iron curtain on the role of upland populations in the Angkorian economy. Coauthor with Thomas Oliver Pryce, Stéphanie Leroy, Emmanuelle Delqué-Količ, Philippe Dillmann. Presentation given at the 14<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists in Dublin, Ireland, September 21, 2012.

Historical Archaeology at the Edge of Empire: The Industries of Angkor Project at Preah Khan of Kompong Svay. Co-author with Quan Hua, Damian Evans and Phon Kaseka. Presentation given at the 14<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists in Dublin, Ireland, September 20, 2012.

Re-Constructing the City of Fire and Iron: Stone material analysis and conservation issues at Preah Khan Kampong Svay, Cambodia. Co-author with Esther von Plehwe-Leisen and Hans Leisen. Presentation to be given at the 14<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists in Dublin, Ireland, September 20, 2012.

The Hydraulic Nodes of Empire: Examining the cultural significance of artificial water tanks within the 6<sup>th</sup> to 15<sup>th</sup> c. Khmer landscape, Cambodia. Invited presentation at the 77<sup>th</sup> Society for American Archaeology Meetings, Memphis, USA, April 21, 2012.

2011 Does size really matter? Evaluating form within the design horizons of Chihuahuan polychrome ceramics. Presentation at the 44<sup>th</sup> Annual Chacmool Conference, Calgary, Canada, November 12, 2011.

From the Roads of Angkor to the Products of Empire: Recent Research by the Industries of Angkor Project at Preah Khan of Kompong Svay (Bakan). Presentation at 'Angkor and its Global Connections Conference', Siem Reap, Cambodia, June 11, 2011.

*Industries of Angkor Project: Recent research at Preah Khan of Kompong Svay (Bakan)*. Presentation at the Ministry of Culture and Fine Arts, Phnom Penh, Cambodia, June 8, 2011.

The Industries of Angkor Project: Investigating the history and significance of iron smelting at Preah Khan of Kompong Svay. Presentation at Archaeometallurgy in Cambodia: Current Research and Future Prospects Conference, CKS and EFEO, Siem Reap, Cambodia, March 5 2011.

**2010** Tales of Two Cities: Preliminary results of the Industries of Angkor Project, Preah Khan of Kompong Svay (10<sup>th</sup> to 15<sup>th</sup> centuries AD), Cambodia. Presentation at Oxford University, United Kingdom, October 14, 2010.

Industries of Angkor Project: Roads, resources and the role of specialised centres in the Khmer Empire (9th to 15th centuries CE). Presentation at Institute of Archaeology, University College London, London, United Kingdom, October 7, 2010.

Stones of the God-Kings? Recent Investigations of the Industries of Angkor Project at Preah Khan of Kompong Svay, Cambodia (10th to 16c. CE). Presentation at School of Oriental and African Studies, London, United Kingdom, October 6, 2010.

Industries of Angkor Project: Deconstructing the industrial and settlement histories of Preah Khan of Kompong Svay, Cambodia. Presentation at the 13<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists in Berlin, September 27 to October 1, 2010.

Khmer transport and empire: an archaeo-lexical approach. Co-presenter with Eileen Lustig at the 13<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists in Berlin, September 27 to October 1, 2010.

It's the little things that count: A pilot study into the sourcing of Angkorian Khmer iron. Presentation at the Angkor Research Symposium, University of Sydney, Australia, August 10, 2010.

Mighty mounds, magic swords and the race to recover knowledge of Cambodia's historic iron production. Recent fieldwork conducted by the Industries of Angkor and Iron Kuy Projects. Presentation at the Angkor Research Program Talks, University of Sydney, Australia, June 2, 2010.

Deconstructing the City of Fire and Iron: Preliminary results of the Industries of Angkor Project, Preah Khan of Kompong Svay, Cambodia. Presentation at the University of Wisconsin, Madison, USA, March 15, 2010

Deconstructing the City of Fire and Iron: Preliminary results of the Industries of Angkor Project, Preah Khan of Kompong Svay, Cambodia. Presentation at the University of Illinois at Chicago, Chicago, USA, March 10, 2010

Any Old Iron: Recent research on Angkorian and historic iron metallurgical technologies, Cambodia. Presentation at the University of Sydney Archaeology Display Case Talk Series, University of Sydney, Australia, April 16, 2010

**2009** *Industries of Angkor Project: Settlement and Iron Production at Preah Khan of Kompong Svay (Bakan)*. Presentation at the 5<sup>th</sup> Conference of the Asian Research Centre: Cultural Industries, Siem Reap, Cambodia, Dec 17, 2009

Revised Chronology of the Angkorian Road System. Presentation at the University of Sydney Cambodian Research Seminar, Siem Reap, Cambodia, Dec 6, 2009

*Industries of Angkor Project: Settlement and Iron Production at Preah Khan of Kompong Svay (Bakan).* Presentation at the 19<sup>th</sup> IPPA Conference, Hanoi, Vietnam, Dec 1, 2009

Secrets of the Stones: Investigation of sandstone temples from Preah Khan of Kompong Svay (Bakan). Presentation with Hans Leisen, Esther von Plehwe-Leisen, and Sam Player at the 19<sup>th</sup> IPPA Conference, Hanoi, Vietnam, Dec 1, 2009

Investigating the City of Fire and Iron: Preliminary results of the Industries of Angkor Project, Preah Khan of Kompong Svay, Cambodia. Presentation at the Australia National University, October 23, 2009.

Industries of Angkor Project: Multidisciplinary investigation of the history of production and settlement at Preah Khan of Kompong Svay, Cambodia. Presentation at the Prehistoric and Historic Archaeology Research Seminars, University of Sydney, Australia, September 18, 2009

The Angkorian Dharmasala(?) Project: Investigation of Temples, Semantics and Settlement along the Khmer Road System. Presentation at the Angkor Research Program Talks, University of Sydney, Australia, August 12, 2009.

*Producing Angkor: The Spatial, Material and Cultural Generation of the Khmer Empire.* Presentation at the Smithsonian Freer and Sackler Gallery, Washington D.C., USA, June 16, 2009.

The Angkorian Dharmasala Project: Multidisciplinary Investigation of settlement and function of Khmer resthouse temples (12<sup>th</sup> to 13<sup>th</sup> c. CE). Presentation at the American Council of Learned Societies/Henry Luce Foundation Early Career Research Workshop, Tarrytown, NY, USA, June 13, 2009.

**2008** Location, Location! Transport, settlement and resource procurement models in Angkorian Southeast Asia. Presentation at the 73<sup>rd</sup> Society of American Archaeology meetings, Vancouver, British Columbia, Canada, March 28, 2008.

Lights at the Inn? Investigating Settlement around the Angkorian Khmer Resthouse Temples. Presentation to the Chacmool Noon Hour Lecture Series, Department of Archaeology, University of Calgary, Alberta, Canada. March 25, 2008.

**2006** Point Break Angkor: Transportation, settlement and geography in the Angkorian world. Paper presented at Angkor: Landscape, City and Temple Conference, University of Sydney, Australia, July 20, 2006.

Rivers of the Angkorian Khmer: Settlement, transportation and navigability. Co-author with Matti Kummu of paper presented at the Indo-Pacific Prehistory Association conference, Manila, Philippines, March 22, 2006.

Geophysical applications on the Angkor Plain. Co-author with Sam Player, Chris Vanags and Roland Fletcher of paper presented at Indo-Pacific Prehistory Association conference, Manila, Philippines, March 22, 2006.

The Spaces Between Places: A GIS analysis of settlement and transportation in the medieval Khmer period (9th to 14th centuries AD). Presentation at the GIS Mini Symposium, Spatial Sciences Innovation Unit, University of Sydney, Australia, February 18, 2006.

**2005** The Road Most Travelled? Research on the development of communication routes in the medieval Khmer heartland. Presentation at the Khmer Symposium, University of Sydney, Australia, July 19-20, 2005.

Connecting the Dots: Investigating the issue of transportation between the temple complexes of the medieval Khmer (9th to 14th centuries AD). Paper presented at Old Myths, New Approaches. Monash Asian Institute, Melbourne, Australia, July 13-15, 2005.

Caution - Roadwork Ahead: Reconstruction and deconstruction of the archaeology of the Khmer road network. Paper presented at the 70<sup>th</sup> Society of American Archaeology meetings, Salt Lake City, Utah, USA. April 2.

Much to Do About Roads: Recent approaches to the study of the Angkorean transportation network. Presentation given to the École Française d'Éxtreme Orient, Siem Reap, Cambodia. February 8, 2005.

2004 Mind the Gap: The archaeology of transportation and urban sprawl at Angkor, Cambodia. Presentation to the Chacmool Noon Hour Lecture Series, Department of Archaeology, University of Calgary, Alberta, Canada. November 9, 2004.

Elephants, Buffaloes and Oxen...Oh, My!! Using GIS to clock speed and gauge cultural mobility along the medieval Khmer road system. Paper presented at the 2<sup>nd</sup> Transport, Traffic and Mobility History Association Conference, University of Michigan at Dearborn, Michigan, USA. November 6, 2004.

Straight as a Khmer Road? Mapping and analysis of the medieval Khmer road network. Paper presented at the 'Ancient Sites, Modern Maps: Remote Sensing and GIS Applications in Archaeology' symposium at the University of California at Berkeley, California, USA, October 30, 2004.

New Routes for Rooting out Roads: Distant and electronic approaches to studying the medieval Khmer road network. Paper presented at the 'Ancient Sites, Modern Maps: Remote Sensing and GIS Applications in Archaeology' symposium at the University of California at Berkeley, California, USA October 29, 2004.

A View from Afar: Using Remote Sensing to Gain Perspective on the Medieval Khmer Road Network. Paper presented at the 5<sup>th</sup> Annual Association of Pacific Rim Universities Doctoral Students Conference, University of Sydney, Australia, August 12, 2004.

*Dromology, or how to make good use of the medieval Khmer road network.* Research design presented to the Prehistoric and Historical Archaeology Seminars, University of Sydney, Australia, June 4, 2004.

**2003** Finding the Road to Bree: Initial perspectives on the use of remote sensing for the study of the ancient Khmer road network. Paper presented at the Pacific Neighbourhood Consortium Conference, Bangkok, Thailand, November 2003.

**2000** The Macaw and the 'P': Origins and Development of Two Motifs in the Chihuahuan Polychrome Tradition. Paper presented at "Art for Archaeology's Sake", the 33<sup>rd</sup> Chacmool Archaeology Conference, University of Calgary, Alberta, Canada, November 10, 2000.

'Aye Chihuahua': Style and the Search for Small Little Dogs. Presentation given to the Chacmool Noon Hour Lecture Series, Department of Archaeology, University of Calgary, Alberta. Canada, October.

1999 A Preliminary Report on a Stylistic Study of Chihuahuan Culture Whole pots from Museum Collections. Paper presented at the 2<sup>nd</sup> Conferencia de Arqueología de la Frontera, "La Cerámica de Chihuahua", Casas Grandes, Chihuahua, Mexico.

### POSTER PRESENTATIONS

## **Poster Presentations**

2018 First constraint on historical geomagnetic secular variation in Cambodia, Southeast Asia. Rashida Doctor, Shuhui Cai, Lisa Tauxe, **Mitch Hendrickson**, Quan Hua, Brendan Cych, Presented at AGU Fall Meeting, December, Washington D.C., USA.

**2017** First archaeointensity results during historical period from Cambodia, Southeast Asia. Justin Higa, Shuhui Cai, Lisa Tauxe, and **Mitch Hendrickson.** Presented at AGU Fall Meeting, December, Washington D.C., USA.

**2013** Dating the end of iron production within the medieval city of Preah Khan of Kompong Svay, Cambodia, Quan Hua and **Mitch Hendrickson**. Presented at The 7th International Symposium on Radiocarbon and Archaeology, 8-12 Apr 2013, Ghent, Belgium.

**2012** Dating the end of industry? Using in-slag charcoals as an indicator of terminal iron production within the medieval city of Preah Khan of Kompong Svay, Cambodia. **Mitch Hendrickson** and Quan Hua. Presented at the 21<sup>st</sup> International Radiocarbon Conference, Paris, France. July 9<sup>th</sup> to 13<sup>th</sup>, 2012.

**2010** *The Iron Kuay Project.* T. Oliver Pryce, **Mitch Hendrickson** and Sovichetra Chan. Poster presented at the 13<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists in Berlin, September 27 to October 1, 2010.

**2004** The Road to God Knows Where: Finding religion with science along the ancient Khmer road network. Poster presented at the American Anthropological Association meeting, Atlanta, Georgia, USA, December 4<sup>th</sup>-8<sup>th</sup>, 2004.

#### **TEACHING**

### Courses Taught (\*indicates new course prep at UIC)

\*Technology, Society and the Past\*, Archaeology of Mainland Southeast Asia; \*Introduction to Archaeology; \*Writing Culture; \*Ancient Technologies; \*Archaeology of Buddhism; \*Problem Solving in Archaeology; \*Archaeological Landscapes and Environments; \*Angkor and the Khmer Empire; \*Archaeology of States, \*Grant Writing, \*Method and Theory in Archaeology, \*Thinking Like an Anthropologist, Graduate Professional Practice Part 1

### **Student Mentorship**

PhD Student Committees

Current

Maria Isabel Guevara Duque, UIC, committee chair, 2023-present (2021-2023, committee member)

Danielle Silverman, UIC, committee chair, 2021-present

Aldo Foe, UIC, committee chair, 2018-present (2016-2018, committee member)

Kendall Hills, UIC, committee chair, 2014-present

Corey Bowen, UIC committee chair, 2023-present; committee member, 2020-2023

Doyeon Shin, UIC, prelim committee member, 2022-present

Rosa Varillas Palacio, prelim committee member, 2020-present

Susan Monge, UIC, prelim committee member, 2020-2021

Alexandra Ribeny, ANU, committee member, 2019-present

Cyrus Banikazemi, UIC, prelim committee member, 2019-2021; committee member, 2021-present

Colin Lejeune, UIC, committee member, 2017-present

Aikaterina Psoma, UIC, committee member, 2017-present

Alexandra DeLeon, UIC, committee member, 2013-present

#### Graduated

James Meierhoff, UIC, committee member, 2012-2023 - PhD

Rory Dennison, UIC, committee member, 2017-2022 - PhD

Wenpeng Xu, UIC, committee member, 2017-2021 - PhD

Elizabeth Gràvalos, UIC, committee member, 2016-2021 - PhD

Michael Canilao, UIC, Thesis committee member, 2015-2018 - PhD

Rebecca Seifried, UIC, Thesis committee member, 2013-2016 - PhD

Dylan Lott, UIC, Thesis committee member, 2016 - PhD

Jennifer Newton, James Cook University, Australia, Thesis examiner, 2014 - PhD

### Undergraduate Advising

Michael Colton, UIC, Honors College mentor 2023-present

Kaleb Garden, UIC, Honors College mentor 2021-23

Brittani Howard, UIC, Honors College mentor 2021-2022

Faith Thrun, UIC, Honors College mentor 2020-22

Simone McDaniels, UIC, Honors College mentor 2017-20

Sankhya Amaravadi, UIC, Honors College mentor 2014-2017

Renee Ronzone, UIC, Honors College mentor 2014-15

Stephanie Lear, UIC, mentor Liberal Arts and Sciences Undergraduate Research Initiative award recipient, 2013-2014

### Visiting PhD Students

Patcharaporn Ngernkerd, Silpakorn University, Thailand, mentor, Sept 2023-March 2024

### ACADEMIC SERVICE AND PROFESSIONAL

### Service to the Discipline

Committee Member, Annual Meeting Program Committee, Society for American Archaeology, 87th Annual Meeting, Sept-Oct 2021

#### **Professional Service**

Exhibit Consultant, "Death: Life's Mystery" Exhibit, The Field Museum of Natural History, Chicago, Illinois, April 2020 to October 2022.

### **University Service**

Graduate Awards Committee, College of Language, Arts and Sciences. August 2023 to May 2026.

Director of Graduate Studies, Department of Anthropology, University of Illinois at Chicago, May 2020 to present

Judge for the UIC Student Research Forum, University of Illinois at Chicago. April 14, 2023

Search Committee member for North American curator position, The Field Museum of Natural History, Chicago, IL. October 2022-April 2023.

LAS Quorum Committee, Department of Anthropology, University of Illinois at Chicago, November 2022.

Graduate Strategic Committee chair, Department of Anthropology, University of Illinois at Chicago, Oct 2022 to April 2023.

Faculty Advisor, First-At-LAS Program, University of Illinois at Chicago, Sept 2021 to present

Judge for the UIC Student Research Forum, University of Illinois at Chicago. April 10, 2022.

Search Committee, Business Manager, Department of Anthropology, University of Illinois at Chicago, Feb to March 2022.

Guest Speaker, LAS-110, University of Illinois at Chicago, Oct 11, 2021

Graduate Admissions Committee chair, Department of Anthropology, University of Illinois at Chicago, December 2019 to present.

Diversity, Equity, and Inclusion Committee, Department of Anthropology, University of Illinois at Chicago. September 2020 to May 2022.

Advisory Committee, Department of Anthropology, University of Illinois at Chicago. May 2020 to present

Curriculum Committee, Department of Anthropology, University of Illinois at Chicago. November 2016 to present

Faculty Advisor, Geography and Anthropology Graduate Association. Department of Anthropology, University of Illinois at Chicago. September 2018 to present.

Search Committee member for Bridge to Postdoctoral Fellowship in Mesoamerican Archaeology, Department of Anthropology, University of Illinois at Chicago, Chicago, IL, December 2019 to March 2020.

Search Committee Chair for Assistant Professor in Biomedical Anthropology, Department of Anthropology, University of Illinois at Chicago, Chicago, IL. September 2019 to February 2020.

Review Committee for the Honors College Research Grants, University of Illinois at Chicago. February 2020.

LAS Quorum Committee, Department of Anthropology, University of Illinois at Chicago, September 2017-May 2018

Review Committee for the Graduate College Chancellor's Awards, University of Illinois at Chicago. October 2017

UIC Open House, Presentation about Anthropology to incoming undergraduate students. Sept 16, 2017.

Internal Department Award Review. Terry Award. Department of Anthropology, University of Illinois at Chicago, September 2016

Internal Department Award Review. Blitz Award. Department of Anthropology, University of Illinois at Chicago, September 2016

Judge for the UIC Student Research Forum, University of Illinois at Chicago. April 12, 2016.

Review Committee for the Graduate College Chancellor's Awards, University of Illinois at Chicago. October 2015.

Internal Department Award Reviewer. Terry Award. Department of Anthropology, University of Illinois at Chicago, September 2015

Internal Department Award Reviewer. Blitz Award. Department of Anthropology, University of Illinois at Chicago, September 2015.

Internal Department Award Reviewer. Deans Award. Department of Anthropology, University of Illinois at Chicago, March 2015.

Honors College Fellow. College of Liberal Arts and Sciences, University of Illinois at Chicago. August 2014 to present.

Internal Department Award Reviewer. Charles Reed Grant. Department of Anthropology, University of Illinois at Chicago. April 2014.

Fulbright Fellowship Review Committee. College of Languages Arts and Sciences, University of Illinois at Chicago. October 2013.

Internal Department Award Reviewer. Terry Awards. Department of Anthropology, University of Illinois at Chicago. August 2013.

Review Committee for the Graduate College Chancellor's Awards, University of Illinois at Chicago. October 2013.

Review Committee for the Graduate College Chancellor's Awards. Department of Anthropology, University of Illinois at Chicago. December 2012.

Search Committee for Assistant Professor in Urban Anthropology, Department of Anthropology, University of Illinois at Chicago, Chicago, IL. September 2011 to March 2012.

### **Editorial and Peer Review**

External PhD Thesis Examiner

James Cook University, Townsville, Australia. February 2014.

### Grant Reviewer

École française d'Extrême-Orient - Évaluation d'une candidature au contrat doctoral, May 2023 Lewis & Clark Foundation, April 2023 (two)

Earthwatch Foundation 2016

National Science Foundation April 2016

National Geographic CRE grants. November 2011; December 2011; January 2014; September 2015

National Geographic Young Explorers Grants March 2016

Australian Research Council Discovery Projects. since April 2011.

### Book Peer Reviewer

École française d'Extrême-Orient Press. Book manuscript. September 2013 (in French).

### Article and Chapter Peer Reviews

Antiquity. March 2015, August 2018, May 2023 Journal of Anthropological Archaeology, December 2022 Archaeological Research in Asia. January 2019; February 2022; October 2022 Associate Editor position January 2022 (declined)

Asian Perspectives. September 2021; June 2022

Journal of Archaeological Science Reports. March; July 2015, April 2022

Advances in Archaeological Practice. March 2022.

Journal of Indo-Pacific Archaeology. Nov 2014; June 2017, February 2022

Archaeometry. May 2013, March 2018; January 2019; April 2023 (declined)

World Archaeology. March, April, September 2021

Cambridge Archaeological Journal. April 2021

Southeast Asian Studies. November 2018, April 2019

Geoarchaeology. September 2018, January 2019

The Holocene, October 2016

Journal of Archaeological Science. January 2012; August 2012; November 2012; Feb 2015; May 2015

Journal of Field Archaeology. Feb 2015

Journal of Southeast Asian Studies. Sept 2014; March 2015

Heritage Science. April 2014

École française d'Extrême-Orient. Nov 2013

Journal of Archaeological Research. July 2012.

Bulletin de l'École française d'Extrême-Orient. May 2012.

Radiocarbon. February 2012.

Siksacakr: Journal of Cambodia. January 2012.

Proceedings of the 13th Conference of the European Association of Southeast Asian

Archaeologists. April 2011.

American Antiquity. January 2003; February 2011.

Proceedings of the 12<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists. September 2009.

### FIELD EXPERIENCE

- Tallgrass Prairie Archaeological Project. (Field Museum/U of Illinois at Chicago), Wilmington, Illinois. (May 2023).
  - Co-Investigator. Excavation at Prairie Creek Site. Survey, shovel testing at Prairie Creek Site.
- 2022 Midewin Archaeological Landscape Project. (Field Museum/U of Illinois at Chicago), Wilmington, Illinois. (May 2022).
  - Co-Investigator. Survey, shovel testing, magnetometry at Prairie Creek Site.
- 2021 Midewin Archaeological Landscape Project. (Field Museum/U of Illinois at Chicago), Wilmington, Illinois. (October 2021).
  - Co-Investigator. Survey and shovel testing at Prairie Creek Site.
- 2019 Investigating the role of strategic resources in the rise and fall of the Kingdom of Bagan 9<sup>th</sup> -14<sup>th</sup>. (Mandalay University/CNRS/Silpakorn University/U of Illiniois at Chicago), Bagan Myanmar (Feb 2019).
  - Co-Investigator. Excavation and survey of iron production sites.
- 2018 Industries of Angkor Project (U of Illinois at Chicago), Banteay Meanchey and Battambang, Cambodia (June 2018)
  - Principle Investigator. Architectural analysis.
- 2017 *Industries of Angkor Project* (U of Illinois at Chicago), Phnom Dek, Preah Vihear, Cambodia (January-February 2017)
  - Principle Investigator. Excavation, site survey, mapping.
- 2016 Industries of Angkor Project (U of Illinois at Chicago), Phnom Dek, Preah Vihear, Cambodia (March 2016)
  - Principle Investigator. Site survey and surface collection.

Two Buddhist Towers Project (U of Illinois at Chicago/EFEO/UCLA/UCL), Preah Vihear province, Cambodia (January 2016)

- Co-Principle Investigator: Excavation, site survey, mapping
- Two Buddhist Towers Project (U of Illinois at Chicago/EFEO/UCLA/UCL), Preah Vihear province, Cambodia (January-February 2015)
  - Co-Principle Investigator: Excavation, site survey, mapping
- 2013 Industries of Angkor Project (U of Illinois at Chicago), Phnom Dek, Preah Vihear, Cambodia
  - Principle Investigator. Site survey and surface collection.

- 2011 Industries of Angkor Project (U of Sydney), Preah Vihear province, Cambodia (June 2011)
  - Principle Investigator. Site survey.
- 2010 *Industries of Angkor Project* (U of Sydney), Preah Vihear province, Cambodia (November-December 2010)
  - Principle Investigator. Excavation of iron production sites and topographic survey. *Iron Kuay Project (Oxford University, U of Sydney)*, Preah Vihear province, Cambodia (February 2010)
  - Co-investigator with T. Oliver Pryce. Excavation of historic iron production sites in Rovieng district, survey and topographic survey and ethnographic interviews
- 2009 Industries of Angkor Project (U of Sydney), Preah Vihear province, Cambodia (December 2009)
  - Principle Investigator. Survey, excavation of Angkorian period furnace, wet sediment coring, topographic survey

Industries of Angkor Project (U of Sydney), Preah Vihear province, Cambodia (March 2009)

- Principle Investigator. Survey of iron production loci and topographic survey, Industries of Angkor Project (U of Sydney), Preah Vihear province, Cambodia (January-February 2009)
- Principle Investigator. Survey, Ground-Penetrating Radar survey, magnetic susceptibility analysis, topographic survey, coring
- 2008 Angkorian Dharmasala Project (U of Calgary), Siem Reap province, Cambodia (January/March 2008)
  - Principle Investigator. Excavation, field survey, ceramic analysis, Ground-Penetrating Radar survey, coring
- 2007 Greater Angkor Project (U of Sydney), Siem Reap, Cambodia (January 2007)
  - Independent PhD field research. Excavation, field survey, ceramic analysis
- 2006 Greater Angkor Project (U of Sydney), Siem Reap, Cambodia (January-February 2006)
  - Independent PhD field research. Field survey, excavation of road embankment site, ceramic analysis
- 2005 Greater Angkor Project (U of Sydney), Siem Reap, Cambodia (January-February 2005)
  - Independent PhD field research. Field survey, excavation of road embankment site, ceramic analysis, Ground-Penetrating Radar survey
- 2004 Greater Angkor Project (U of Sydney), Siem Reap, Cambodia and Thailand (December 2003-February 2004)
  - Independent PhD field research. Ground and aerial site survey, GPS surveys, excavation
- 2002 Little Bow Archaeological Project (Fedirchuk McCullogh and Associates Ltd.), Vulcan, Alberta, Canada (May-November 2002)
  - Senior field Crew member. Excavation of Protohistoric and Prehistoric Plains sites
- 2001 Little Bow Archaeological Project (Fedirchuk McCullogh and Associates Ltd.), Vulcan, Alberta, Canada (July-August 2001)
  - Senior field Crew member. Excavation of Protohistoric and Prehistoric Plains sites
- 2001 Lower Mekong Archaeological Project (U of Hawaii), Angkor Borei, Cambodia (January-February 2001)
  - Field Crew member. Led topographic mapping of pre-Angkorian period baray reservoir
- 1999 Proyecto Arqueológico de Chihuahua, Chihuahua, Mexico (May-July 1999)
  - Senior Field Crew member. Excavation of Viejo period pithouse village, construction of site map and regional site surveys
- 1998 Proyecto Arqueólogico de Chihuahua, Chihuahua, Mexico (June-July 1998)
  - Senior Field Crew member. Excavation of several Viejo period sites, topographic mapping and site surveys
- 1995 Tuscany Field School, Calgary, Alberta, Canada (August 1995)
  - Field Crew member. site profile drawing at prehistoric Plains Indian site
- 1994 DeBlicquy site, Bathurst Island, NWT, Canada (June-August 1994)
  - Field Crew member. Intensive (hand) mapping of Thule whalebone culture winter village houses and crew chef
- 1992 Fort Calgary Historic Site, Calgary, Alberta, Canada (May-June 1992)
  - Field school. Practiced all basic archaeological techniques, primarily excavation, mapping, artifact cleaning, sorting and analysis, Bobcat excavation, photography

### MEDIA & INTERVIEWS

Archaeology Magazine, "Rest" Online and Magazine Interview. <a href="https://www.archaeology.org/issues/438-features/wellness/9903-wellness-cambodia-khmer-rest-houses">https://www.archaeology.org/issues/438-features/wellness/9903-wellness-cambodia-khmer-rest-houses</a> (Sept/Oct 2021).

Cambodianess, "A Life Beyond Boundaries:" What Links, What Differentiates Southeast Asian Countries. Online article, Cambodia (July 31, 2021)

https://www.cambodianess.com/article/a-life-beyond-boundaries-what-links-what-differentiates-southeast-asian-countries

Inverse Magazine, "To predict a cataclysmic future, scientists explore Earth's geomagnetic past." Online news article. USA (March 10, 2021)

https://www.inverse.com/science/ancient-iron-smelting-site-earth-geomagnetic-field

Inside Science News, "Thousand-Year-Old Furnace in Cambodia Shows How Earth's Magnetic Field Shifts". Online news article, USA (March 9, 2021).

 $\underline{http://www.insidescience.org/news/thousand-year-old-furnace-cambodia-shows-how-earths-magnetic-field-shifts}$ 

Archaeology Magazine, "Off the Grid. Preah Khan of Kompong Svay." Online and magazine article, USA. (December 2020)

https://www.archaeology.org/issues/401-2011/digs/9121-digs-cambodia-preah-khan

Southeast Asia Crossroads, Podcast "Steely Places and Angkorian Spaces". Center for Southeast Asian Studies, Northern Illinois University. (October 26, 2018)

 $\underline{https://soundcloud.com/seacrossroads/steely-places-and-angkorian-spaces-with-mitch-hendrickson}$ 

Science Channel, "Unearthed Series 2: Lost Temples of the Jungle", On-screen expert (June 6, 2017)

 $\underline{https://www.youtube.com/watch?v=dav7me29gn4\&list=ELdWuSRL44xQNzBQztgGu2ig\&index=4\&t=0s\&app=desktop}$ 

Archaeology Magazine, Online news article, USA (February 25, 2017)

http://www.archaeology.org/news/5257-170207-cambodia-iron-smelting

Bayon Television, TV Interview, Cambodia (February 23, 2017)

https://www.facebook.com/BTVCambodia/videos/1731725663785982/

Cambodia Daily, Newspaper Interview, Cambodia (February 15, 2017)

https://www.cambodiadaily.com/featured/deforestation-during-angkor-looking-for-trees-in-the-dirt-125160/

Cambodia Daily, Newspaper Interview, Cambodia (February 7, 2017)

https://www.cambodiadaily.com/morenews/dig-unearths-ancient-furnace-in-hunt-for-cambodias-past-124687/

Cambodia Daily, Newspaper Interview, Cambodia (June 20, 2016)

https://www.cambodiadaily.com/archives/putting-the-worlds-biggest-jigsaw-puzzle-angkors-baphuon-temple-back-together-again-705/

Science News, Online interview, USA (June 17, 2016)

https://www.sciencenews.org/article/lidar-maps-vast-network-cambodia%E2%80%99s-hidden-cities

Digital Trends, Online interview, USA (June 14, 2016)

http://www.digitaltrends.com/cool-tech/cambodia-lidar-scan/

EFE (Spanish language news source), Online Interview, Spain (June 13, 2016)

CBC Radio, As It Happens, Radio Interview, Canada (June 13, 2016)

http://www.cbc.ca/radio/asithappens/as-it-happens-monday-edition-1.3632981

The Guardian, Newspaper Interview, United Kingdom (June 10, 2016)

https://www.theguardian.com/world/2016/jun/11/lost-city-medieval-discovered-hidden-beneath-cambodian-jungle

Phnom Penh Post, Newspaper Interview, Cambodia (April 29, 2016)

http://www.phnompenhpost.com/post-weekend/little-luck-archaeologists-stumble-forges-angkor

Cambodia Daily, Newspaper Interview, Cambodia (April 24, 2016)

https://www.cambodiadaily.com/news/ancient-secrets-111684/

Bayon TV. News report on research at Preah Khan of Kompong Svay, Cambodia (February 7, 2015)

BBC 2 Documentary "Jungle Atlantis", On-screen expert (aired September 25, 2014)

New Scientist Magazine, Phone Interview, Australia (October 17, 2012)

https://www.newscientist.com/article/mg21628874-300-building-blocks-of-angkor-wat-were-shipped-in-by-canal/

Voice of America Cambodia. Radio Interview, Washington DC, USA (June 16, 2009)

Deutsche Welle Documentary Film Interview, Cambodia (March 2009)

Reuters, Siem Reap, Cambodia (January 17, 2008)

Touchstone Magazine, Interview, Cambodia (January 12, 2008) Radio New Zealand, Radio interview, New Zealand (February 6, 2004)

# MEMBERSHIPS

Archaeological Institute of America (since 2012) Society for American Archaeology (since 1993)

Indo-Pacific Prehistory Association (since 2005)

European Association of Southeast Asian Archaeology (since 2009)

Historical Metallurgy Society (2007-2009, 2012-present)

American Anthropological Association (2004)

Chacmool Archaeology Association of the University of Calgary (1990-2001)

# REFERENCES

Professor Roland Fletcher, University of Sydney, Sydney, Australia email – <u>roland.fletcher@sydney.edu</u>

Professor Miriam Stark, University of Hawai'i at Manoa, Honolulu, USA email – <a href="miriams@hawaii.edu">miriams@hawaii.edu</a>

Dr. Christophe Pottier, École française d'Extrême-Orient, Bangkok, Thailand email – <a href="mailto:christophe.pottier@efeo.net">christophe.pottier@efeo.net</a>