

## CURRICULUM VITAE

### **John Sanders Krigbaum**

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## EDUCATION

### **Graduate:**

#### New York University

**Ph.D.** – Anthropology, September 2001

- Ph.D. Dissertation: ‘Human Paleodiet in Tropical Southeast Asia: Isotopic Evidence from Niah Cave and Gua Cha’ (Prof. Terry Harrison, advisor).

**M.A.** – Anthropology, October 1989

- M.A. Thesis: ‘Dietary Adaptation in an Early Woodland Skeletal Population from the Champlain Valley of Vermont’ (Dr. C. Jean DeRousseau, advisor).

### **Undergraduate:**

#### University of Vermont

**B.A.** – Physical Anthropology and Environmental Studies, May 1986

- Senior Thesis: ‘An Osteological Analysis of VT-FR-26, an Early Woodland Cemetery’ (Prof. William A. Haviland, advisor).

## GRANTS AND AWARDS

- University of Florida Biodiversity Institute (2020-2021) ‘Illuminating nitrogen-fixation in plants using isotopic data from herbarium collections’ (\$35,000). PIs Robert Guralnick and Mariela Pajuelo, and co-PIs Lucas Majure, Matias Kirst, **John Krigbaum**, and Doug Soltis.
- National Science Foundation (2019-2021) ‘Paleoecology and New Perspectives on Domesticated Animals from Faunal and Stable Isotope Analyses’ (SPRFFR #1911649; \$148,000). PI Emily Zavodny and co-PI **John Krigbaum**.
- University of Florida 2019 Tech Fee Award. ‘Expanding Capacity for 3D Data Analysis’ (\$92,457). Krigbaum PI with multiple co-PIs.
- Florida Preservation Award 2018 (2018) Florida Trust for Historic Preservation. Award shared with Carl D. Halbirt, Dr. Kathleen Deagan, and David & Catherine White.
- Student Organization Advisor of the Year (2018) uFASA – undergraduate Florida Anthropology Student Association, 2018 Involvement Awards, University of Florida.
- University of Florida Term Professor (2017-2019) University of Florida, College of Liberal Arts & Sciences.
- Colonel Allen R. and Margaret G. Crow Term Professor (2016-2017) University of Florida, College of Liberal Arts & Sciences.
- National Science Foundation BCS (2015) Doctoral Dissertation Improvement Grant: ‘Insight into Community Identity Development in Southeast Asia’ (NSF # 1523112; \$16,730). Krigbaum PI with co-PI graduate student Michelle S. Eusebio.
- Research Institute of Humanity and Nature (2015) ‘Isotopic Analysis of Archaeological and Environmental Samples of Okhotsk Culture in Hokkaido’ (\$16,440).

- National Science Foundation BCS (2014) Doctoral Dissertation Improvement Grant: ‘Faunal Economy and Social Complexity’ (NSF # 1435582; \$29,993). Krigbaum PI with co-PI graduate student Gypsy Price.
- National Science Foundation BCS (2014-2020) ‘Understanding the Development of Hierarchical Social Organization’ (NSF # 1356961; \$222,903). Krigbaum Co-PI with PI Neill Wallis (FLMNH).
- Research Opportunity Fund, University of Florida (2008). Krigbaum PI with co-PIs in Geological Sciences and Florida Museum of Natural History; ‘Development of an *in situ* laser system for isotope microsampling of archaeological, paleontological, and geological materials’ (\$86,593).
- National Science Foundation EAR (2007-2009) ‘Environmental and climatic change across the Paleocene-Eocene boundary in the continental interior of North America’ (NSF# 0640076; \$191,880). Krigbaum co-PI with PI Jonathan Bloch (FLMNH) and co-PI Ross Secord (Univ. Nebraska).
- National Science Foundation BCS (2007-2008) Dissertation Improvement Grant: ‘Assessing Seasonal Mobility in Prehistory: An Isotopic Perspective from the St. Johns River Basin, Florida’ (NSF#0710894; \$14,038). Krigbaum PI with co-PI graduate student Bryan Tucker.
- Teacher of the Year (2005-2006) University of Florida, College of Liberal Arts & Sciences.
- National Science Foundation BCS Dissertation Improvement Grant (1996).
- Wenner-Gren Foundation, Predoctoral Grant (1995-1997).
- Sigma Xi, Grant-in-Aid of Research (1994).
- Vina Buettner-Janusch Grant, Department of Anthropology, New York University (1994).
- Graduate Fellowship, Department of Anthropology, New York University (1987-1991; 1994-1995).
- Graduate Research Grant, Geochron Laboratories, Inc. (Cambridge, MA) (1988).
- Graduate Fellowship, School of Arts and Sciences, New York University (1986-1987).

### **ACADEMIC POSITION**

- Aug 2019 – Present* **Professor and Undergraduate Coordinator**, University of Florida, Department of Anthropology, CLAS
- Aug 2009 – Present* **Associate Professor and Undergraduate Coordinator**, University of Florida, Department of Anthropology, CLAS
- Aug 2001 – Aug 2009* **Assistant Professor**, University of Florida, Department of Anthropology, CLAS
- Aug 2000 - May 2001* **Provisional Visiting Assistant Professor – University of Florida**, Department of Anthropology, CLAS
- Fall 1999* **Substitute Instructor – Lehman College**, Department of Anthropology

### **SYNERGISTIC ACTIVITIES**

- Apr 2020 - Present* UF Quest 2 Director, University of Florida, Provost’s Office
- Apr 2020 – Present* Advisory Board Member, *Bioarchaeology International*
- Aug 2019 – Present* Co-chair UF Quest Curriculum Committee, and Chair, UF Quest Year 2 subcommittee
- Aug 2019 – Apr 2020* Co-Chair General Education Committee, University of Florida, Provost’s Office
- Jan. 2018 – Apr 2020* UF Quest Curriculum Committee, and Chair, UF Quest Year 2 subcommittee
- Mar. 2016 – Present* Board Member, University of Florida Press
- Dec. 2017 – Apr 2020* Associate Editor, *Bioarchaeology International* (University of Florida Press)

May 2015 – Apr 2019 Associate Editor, *American Journal of Physical Anthropology* (Wiley)  
 Aug 2011 – Present General Education Committee, University of Florida, Provost's Office  
 Aug 2006 – Present Undergraduate Coordinator, University of Florida, Department of Anthropology  
 Spring 2002 – Present PREVIEW Faculty Advisor, University of Florida, Academic Advising Center.  
 Aug 2006 – Apr 2018 Discipline Coordinator (Anthropology), Office of Articulation, Florida  
 Department of Education, Tallahassee, FL  
 Aug 2011 – 2015 Mentor, Reitz Union Scholar, University of Florida, Dean of Students Office  
 Aug 2007 – 2011 University Minority Mentor Program, University of Florida, Dean of Students  
 Office  
 Aug 2006 – 2009 co-Undergraduate Coordinator, University of Florida, Department of  
 Anthropology

## **TEACHING EXPERIENCE**

### **UF Undergraduate:**

Race and Racism (ANT 3451)  
 \*Bioarchaeology (ANT 4930)  
 \*Introduction to Biological Anthropology (ANT 3514C)  
 \*Health and Disease in Human Evolution (ANT 4468)  
 \*Human Evolution (ANT 4586)  
 Prehistory of Southeast Asia (ANT 4145)  
 Capstone in Anthropology (ANT 4931) – co-developed online course Spring 2018

### **UF Graduate:**

\*Proseminar II (Biological and Archaeological Anthropology)(co-taught ANG 6930)  
 Biological Anthropology Laboratory I (co-taught, ANG 6462L)  
 \*Human Origins (seminar) (ANG 6514)  
 \*Bioarchaeology (seminar) (ANG 6930)  
 Bioanthropology Journal Club

## **RESEARCH INTERESTS:**

Biogeochemistry, Bioarchaeology, Paleodiet, Migration,  
 Paleoecology, Paleopathology, Southeast Asia, New World  
 Prehistory, Old World Prehistory, Paleoanthropology, Primate  
 Ecology.

## **RESEARCH & FIELDWORK & EXPERIENCE (Recent):**

Mar 2017 – Mar 2020 Bioarchaeologist and Biological Anthropology Consultant, Sarawak  
 Museum, Kuching Malaysia. Analysis of Niah Cave human remains at  
 University of Florida. Assemblage repatriated to Malaysia in March 2020.  
 Feb. 2017 – Present Bioarchaeologist, City of St. Augustine, Archaeology Program under the  
 direction of Carl Halbirt. Excavation and analysis of 16<sup>th</sup> century human  
 remains associated with the first Catholic Church in St. Augustine, Florida  
 (Nuestra Señora de los Remedios)  
 Spr 2013 – Aug 2020 Co-Principle Investigator with Neill Wallis, PI. *Understanding the  
 Development of Hierarchical Social Organization* is an NSF-funded  
 project where I coordinate and conduct museum-based research and  
 isotopic analysis on osteological collections from Woodland contexts in

- Florida (Florida Museum of Natural History and Department of Geological Sciences).
- Fall 2001 – Present* Director, Bone Chemistry Lab, University of Florida. Involved with coordination and training in all aspects of isotopic analysis, in collaboration with faculty in Department of Geological Sciences. Coordinate analysis and training in light and heavy stable isotopes of biological tissues (tooth and bone and hair, mainly) for many student and colleague-led isotope projects.
- Sum 2008 – 2012* Principle Investigator. Constructing an *in situ* laser system for isotope microsampling. Department of Geological Sciences, University of Florida.
- Sum 2007* Fieldwork. *Southeast China*. Museum and field research to collect human/faunal remains from key Neolithic sites in Southeast China with Dr. Tianlong Jiao (Hong Kong Maritime Museum).
- Spr 2006* Fieldwork. *Ille Cave, Palawan, Philippines*. Assisted excavation of human remains from Neolithic and post-Neolithic contexts with project directors. Drs. Helen Lewis (University of Dublin) and Victor Paz (University of the Philippines).
- Sum 2000 - 2004* Physical Anthropologist, The Niah Cave Project, Sarawak (Malaysia)  
-- Project Director: Prof. Graeme Barker (Cambridge University).

## **PUBLICATIONS (in reverse chronological order)**

### **BOOKS, Edited**

- Krigbaum, John** and Ambrose, Stanley H. (eds.) (2003) Bone Chemistry and Bioarchaeology. *Journal of Anthropological Archaeology* 22:191-304.

### **BOOKS, Contributor of Chapter(s)**

- Lape, Peter V., **Krigbaum, John**, Futch, Jana, Jordan, Amy<sup>g</sup>, and Peterson, Emily<sup>g</sup> (2020) The Ira Ara site: A fortified settlement and burial complex in Timor-Leste. In (S. O'Connor, A. McWilliam, and S. Brockwell, eds.) *Forts and Fortification in Wallacea: Archaeological and Ethnohistoric Investigations*. Terra Australis, Canberra, ANU Press, pp. 49-66.
- Ali, Zara, Wilson, Brent, Rutherford, Mike, Fanovich, Lanya, **Krigbaum, John**, and Van Voorhis, Laura<sup>g</sup> (2018) Initial interpretations of the Red House Faunal Assemblage. In (B.A. Reid, ed.) *An Archaeological Study of the Red House, Port of Spain, Trinidad and Tobago*. Kingston, Jamaica: University of West Indies Press, pp. 132-153.
- Krigbaum, John**, Kamenov, George D., Van Voorhis, Laura<sup>g</sup>, and Reid, Basil A. (2018) Multi-isotopic analysis of the Red House site skeletal remains: Inferring paleodiet and paleomobility from recovered bones and teeth. In (B.A. Reid, ed.) *An Archaeological Study of the Red House, Port of Spain, Trinidad and Tobago*. Kingston, Jamaica: University of West Indies Press, pp. 53-81.
- Roberts, Patrick, **Krigbaum, John**, and Lee-Thorp, Julia (2018) Hunting and gathering in prehistoric rainforests: Insights from stable isotope analysis. In (A.K. Lemke, ed.) *Foraging in the Past: Archaeological Studies of Hunter-Gatherer Diversity*. Louisville, CO: University of Colorado Press, pp. 165-216.

- Lloyd-Smith, L., **Krigbaum, J.** and Valentine, B.<sup>g</sup> (2016) Social affiliation, settlement pattern histories, and subsistence change in Neolithic Borneo. In (M. Oxenham and H. Buckley, eds.) *The Routledge Handbook of Bioarchaeology in Southeast Asia and the Pacific*. London: Routledge, pp. 257-288.
- Liu, C-h.<sup>g</sup>, **Krigbaum, J.**, Tsang, C-h, and Liu, Y-c (2013) Paleohealth assessment of the SSH site from Iron Age Taiwan. In (K. Pechinkina and M. Oxenham, eds.) *Bioarchaeology of East Asia: Movement, Contact, Health*. Gainesville: University Press of Florida, pp. 417-443.
- Lloyd-Smith, Lindsay, Barker, Graeme, Barton, Huw, Cameron, Judith, Cole, Franca, Doherty, Chris, Hunt, Chris, **Krigbaum, John**, Lewis, Helen, Manser, Jessica, Paz, Victor, Piper, Philip .J., Rabett, Ryan J., Rushworth, Garry, and Szabó, Katherine (2013) ‘Neolithic’ societies c. 4000-2000 years ago: Austronesian farmers? In (G. Barker, ed.) *Rainforest Foraging and Farming in Island Southeast Asia*, Volume 1. Cambridge: McDonald Institute Monographs, pp. 255-298.
- Schultz, J.J., Warren, M.W. and **Krigbaum, J.** (2008) Analysis of modern cremated human remains: Gross and chemical methods. In (C. Schmidt and S. Symes, eds.) *Analysis of Burned Human Remains*. London: Academic Press, pp. 75-94. [The second edition of this volume was published in 2015, pp. 83-103].
- Krigbaum, John** (2007) Prehistoric dietary transitions in tropical Southeast Asia: Stable isotope and dental caries evidence from two sites in Malaysia. In (M. Cohen and G. Crane-Kramer, eds.) *Ancient Health: Skeletal Indicators of Agricultural and Economic Intensification*. Gainesville: University Press of Florida, pp. 273-285.
- Harrison, Terry, **Krigbaum, John**, and Manser, Jessica<sup>g</sup> (2006) Primate biogeography and ecology on the Sunda Shelf Islands: A paleontological and zooarchaeological perspective. In (S. Lehman and J. Fleagle, eds.) *Primate Biogeography: Progress and Prospects*. New York: Kluwer Academic, pp. 331-372.
- Krigbaum, John** and Ipoi Datan (2005) The Deep Skull and associated human remains from Niah Cave. In (Zuraina Majid, ed.) *The Perak Man and other Skeletons in Malaysia*. Kuala Lumpur: National Museums Publication, pp. 131-154.
- Krigbaum, John** and Manser, Jessica<sup>g</sup> (2005) The West Mouth Burial Series from Niah Cave: Past and present. In (Zuraina Majid, ed.) *The Perak Man and other Skeletons in Malaysia*. Kuala Lumpur: National Museums Publication, pp. 175-206.

**REFEREED Publications** (<sup>g</sup> = graduate student, <sup>&</sup> = undergraduate\_student)

- Aronsen, G.P., Fehren-Schmitz, L., **Krigbaum, J.**, Kamenov, G.D., Conlogue, G., Warinner, C., Griego, A., DeLuca, D., Eckels, H., Byciowiecz, R., Grurich, T., Pellatier, N., Brownlee, S., Marichal, A., Williamson, K.<sup>g</sup>, Tonoike, Y., Bellantoni, N.F. (2019). “The dead shall be raised”: Multidisciplinary analysis of human skeletons reveals complexity in 19<sup>th</sup> century immigrant socioeconomic history and identity in New Haven, Connecticut. *PLoS ONE* 14(9): e0219279. <https://doi.org/10.1371/journal.pone.0219279>
- LeFebvre, M.J., deFrance, S.D., Kamenov, G., Keegan, W.F., and **Krigbaum, J.** (2019) The zooarchaeology and isotopic ecology of the Bahamian hutia (*Geocapromys ingrahami*): Evidence for pre-Columbian anthropogenic management. *PLoS ONE* 14(9): e0220284. <https://doi.org/10.1371/journal.pone.0220284>

- Stone, J.H.<sup>§</sup>, Fitzpatrick, S.M., and **Krigbaum, J.** (2019) Stable isotope analysis of human diet at Chelechol ra Orrak, Palau. *Bioarchaeology International* 3(2):142-156.  
**DOI:** <http://dx.doi.org/10.5744/bi.2019.1009>
- Giovas, Christina M., Kamenov, George D., **Krigbaum, J.** (2019) <sup>87</sup>Sr/<sup>86</sup>Sr and <sup>14</sup>C evidence for peccary (Tayassuidae) introduction challenges accepted historical interpretation of the 1657 Ligon map of Barbados. *PLoS ONE* 14(5): e0216458.  
<https://doi.org/10.1371/journal.pone.0216458>
- Jeong, C., Wilkin, S., Amgalantugs, T., Bouwman, A.S., Taylor, W.T.T., Hagan, R.W., Bromage, S., Tsolmon, S., Trachsel, C., Grossman, J., Littleton, J., Makarewicz, C.A., **Krigbaum, J.**, Burri, M., Scott, A., Davaasambuu, G., Wright, J., Irmer, F., Myagmar, E., Boivin, N., Robbeets, M., Rühli, F., Krause, J., Frohlich, B., Hendy, J., and Warinner, C. (2018) Bronze Age population dynamics and the rise of dairy pastoralism on the eastern Eurasian steppe. *Proceedings of the National Academy of Sciences*.  
<https://doi.org/10.1073/pnas.1813608115>.
- Kamenov, G.D., Lofaro, E.M.<sup>§</sup>, Goad, G., and **Krigbaum, J.** (2018) Comparison of modern and archaeological human enamel chemical compositions: Implications for metal exposure through time and diagenetic changes. *Journal of Archaeological Science* 99:27-34.  
<https://doi.org/10.1016/j.jas.2018.09.002>
- Sharpe, Ashley E., Emery, Kitty F., Inomata, Takeshi, Triadan, Daniela, Kamenov, George D., and **Krigbaum, John** (2018) Earliest isotopic evidence in the Maya region for animal management and long-distance trade at the site of Ceibal, Guatemala. *Proceedings of the National Academy of Sciences* 115:3605-3610. <https://doi.org/10.1073/pnas.1713880115>.
- Tomczyk, Weronika<sup>§</sup>, Giersz, Miłosz, Soltysiak, Arkadiusz, Kamenov, George, and **Krigbaum, John** (2018) Patterns of camelid management in Wari Empire reconstructed using multiple stable isotope analysis: Evidence from Castillo de Huarmey, northern coast of Peru. *Archaeological and Anthropological Sciences* <https://doi.org/10.1007/s12520-017-0590-6>. 18 pp.
- Lofaro, Ellen M.<sup>§</sup>, Kurin, Danielle S., Gómez Choque, D. Emanuel, and **Krigbaum, John** (2018) Reconstructing diet and mobility using multi-isotopic analysis in Apurimac, Peru (~AD 880-1260). *Archaeological and Anthropological Sciences* <https://doi.org/10.1007/s12520-017-0587-1>. 17 pp.
- Robertson, Kimberly L.<sup>§</sup>, Yarrow, Joshua F., Rowland, Neil E., and **Krigbaum, John** (2018) A rodent model of caloric restriction using bone mass, microarchitecture, and stable isotope ratios: Implications for revealing chronic food insufficiency in archaeological populations. *STAR: Science & Technology of Archaeological Research* 4:1-12.  
<https://doi.org/10.1080/20548923.2018.1431863>.
- Ikehara-Quebral, Rona M., Stark, Miriam T., Belcher, William, Vuthy, Vooun, **Krigbaum, John**, Bentley, R. Alexander, Toomay Douglas, Michelle, and Pietruszewsky, Michael (2017) Biocultural practices during the transition to history at the Vat Komnou cemetery, Angkor Borei, Cambodia. *Asian Perspectives* 56(2):191-236.  
<https://muse.jhu.edu/article/674983>.
- Price, Gypsy C.<sup>§</sup>, **Krigbaum, John**, and Shelton, Kim (2017) Stable isotopes and discriminating tastes: Faunal management practices at the Late Bronze Age settlement of Mycenae, Greece. *Journal of Archaeological Science: Reports* 14:116-126.  
<http://dx.doi.org/10.1016/j.jasrep.2017.05.034>.
- Laffey, Ann O.<sup>§</sup>, **Krigbaum, John**, and Zimmerman, Andrew R. (2017) A protocol for pressurized liquid extraction and processing methods to isolate modern and ancient bone

- cholesterol for compound-specific stable isotope analysis. *Rapid Communications in Mass Spectrometry* 31:235-244. <https://doi.org/10.1002/rcm.7786>.
- Price, T. Douglas, Plog, Stephen, LeBlanc, Steven A., and **Krigbaum, John** (2017) Great House origins and population stability at Pueblo Bonito, Chaco Canyon, New Mexico: The isotopic evidence. *Journal of Archaeological Science: Reports* 11:261-273. <http://dx.doi.org/10.1016/j.jasrep.2016.11.043>.
- Sharpe, Ashley E.<sup>§</sup>, Kamenov, George D., Gilli, Adrian, Hodell, David A., Emery, Kitty F., Brenner, Mark, and **Krigbaum, John** (2016) Lead (Pb) isotope baselines for studies of ancient human migration and trade in the Maya region. *PLoS ONE* 11(11):e0164871. <https://doi.org/10.1371/journal.pone.0164871>. 28 pp.
- Whiting, Evan T.<sup>§</sup>, Steadman, David W., and **Krigbaum, John** (2016) Paleoeecology of Miocene crocodylians in Florida: Insights from stable isotope analysis. *Palaeogeography, Palaeoclimatology, Palaeoecology* 451:23-34. <http://dx.doi.org/10.1016/j.palaeo.2016.03.009>.
- Giovas, Christina M., Kamenov, George D., Fitzpatrick, Scott M., and **Krigbaum, John** (2016) Sr and Pb isotopic investigation of mammal introductions: Pre-Columbian zoogeographic records from the Lesser Antilles, West Indies. *Journal of Archaeological Science* 69:39-53. <http://dx.doi.org/10.1016/j.jas.2016.03.006>.
- Eusebio, Michelle S.<sup>§</sup>, Ceron, Jasminda R., Acabado, Stephen B., and **Krigbaum, John** (2015) Rice Pots or Not? Exploring Ancient Ifugao Foodways through Organic Residue Analysis and Palaeobotany. *National Museum Journal of Cultural Heritage* 1(1):11-20.
- Valentine, Benjamin<sup>p</sup>, Kamenov, George D., Kenoyer, Jonathan Mark, Shinde, Vasante, Mushrif-Tripathy, Veena, Otárola-Castillo, Erik, and **Krigbaum, John** (2015) Evidence for patterns of selective urban migration in the Greater Indus Valley (2600-1900 BC): A lead and strontium isotope mortuary analysis. *PLoS ONE* 10(4): e0123103. <https://doi:10.1371/journal.pone.0123103>. 20 pp.
- Hastings, Alexander<sup>§</sup>, **Krigbaum, John**, Steadman, David W., and Albury, Nancy A. (2014) Domination by reptiles in a terrestrial food web in the Bahamas prior to human occupation. *Journal of Herpetology* 48:380-388. <https://doi.org/10.1670/13-091R1>.
- Kurin, D.S., Lofaro, E.M.<sup>§</sup>, Gómez Choque, D.E., and **Krigbaum, J.** (2014) A bioarchaeological and biogeochemical study of warfare and mobility in Andahuaylas, Peru (ca. AD 1150 - 1250). *International Journal of Osteoarchaeology* 26:93-103. <https://doi.org/10.1002/oa.2398>.
- Robertson, Kimberly L.<sup>§</sup>, Rowland, Neil E., and **Krigbaum, John** (2014) Effects of caloric restriction on nitrogen and carbon stable isotope ratios in adult rat bone. *Rapid Communications in Mass Spectrometry* 28:2065-2074. <https://doi.org/10.1002/rcm.6994>.
- Adams, Justin W., Kegley, Anthony D.T., and **Krigbaum, John** (2013) New faunal stable carbon isotope data from the Haasgat HGD assemblage, South Africa, including the first reported values for *Papio angusticeps* and *Cercopithecoides haasgati*. *Journal of Human Evolution* 64:693-698. <http://dx.doi.org/10.1016/j.jhevol.2013.02.009>.
- Krigbaum, John**, Berger, Michael H.<sup>¶</sup>, Daegling, David J., and McGraw, W. Scott (2013) Stable isotope canopy effects for sympatric monkeys at Taï Forest, Côte d'Ivoire. *Biology Letters* 23 August 2013 9(4):20130466. <https://doi:10.1098/rsbl.2013.0466>. 5 pp.
- Krigbaum, John**, Fitzpatrick, Scott M., and Bankaitis, Jamie<sup>§</sup> (2013) Human paleodiet at Grand Bay, Carriacou, Lesser Antilles. *Journal of Island and Coastal Archaeology* 8:210-227. <https://doi.org/10.1080/15564894.2012.756082>.
- Secord, Ross<sup>p</sup>, Bloch, Jonathan I., Chester, Stephen G.B.<sup>§</sup>, Boyer, Doug M., Wood, Aaron R., Wing, Scott L., Kraus, Mary J., McInerney, Francesca A., and **Krigbaum John** (2012)

- Evolution of the earliest horses driven by climate change in the Paleocene-Eocene Thermal Maximum. *Science* 335:959-962. <https://doi.org/10.1126/science.1213859>.
- Coutts, Karen Harvey<sup>§</sup>, Chu, Alejandro, and **Krigbaum, John** (2011) Diet and activity in late Preceramic Peru: Preliminary isotopic data from Bandurria. *Journal of Island and Coastal Archaeology* 6:196-210. <https://doi.org/10.1080/15564894.2011.586086>.
- Thornton, E.K.<sup>§</sup>, deFrance, S.D., **Krigbaum, J.**, and Williams, P.R. (2011) Isotopic evidence for Middle Horizon to sixteenth century camelid herding in the Osmore Valley, Peru. *International Journal of Osteoarchaeology* 21:544-567. <https://doi.org/10.1002/oa.1157>.
- Quinn, Rhonda L., Tucker, Bryan D.<sup>§</sup>, and **Krigbaum, John** (2008) Diet and mobility in Middle Archaic Florida: Stable isotopic and faunal evidence from the Harris Creek archaeological site (8Vo24), Tick Island. *Journal of Archaeological Science* 35:2346-2356. <http://dx.doi.org/10.1016/j.jas.2008.02.013>.
- Valentine, Benjamin<sup>§</sup>, Kamenov, George D., and **Krigbaum, John** (2008) Reconstructing Neolithic groups in Sarawak, Malaysia through lead and strontium isotope analysis. *Journal of Archaeological Science* 35:1463-1473. <http://dx.doi.org/10.1016/j.jas.2007.10.016>.
- Barker, Graeme, Barton, Huw, Bird, Michael, Daly, Patrick, Ipoi Datan, Dykes, Alan, Farr, Lucy, Gilbertson, David, Harrisson, Barbara, Hunt, Chris, Higham, Tom, Kealhofer, Lisa, **Krigbaum, John**, Lewis, Helen, McLaren, Sue, Paz, Victor, Pike, Alistair, Piper, Phil, Pyatt, Brian, Rabett, Ryan, Reynolds, Tim, Rose, Jim, Rushworth, Garry, Stephens, Mark, Stringer, Chris, Thompson, Jill, and Turney, Chris (2007) The 'human revolution' in lowland tropical Southeast Asia: The antiquity and behavior of anatomically modern humans at Niah Cave (Sarawak, Borneo). *Journal of Human Evolution* 52:243-261. <https://doi.org/10.1016/j.jhevol.2006.08.011>.
- Wentz, Rachel K.<sup>§</sup>, Tucker, Bryan<sup>§</sup>, **Krigbaum, John**, and Doran, Glen H. (2006) Gauging differential health among the sexes at Windover (8Br246) using the Western Hemisphere Health Index. *Memórias do Instituto Oswaldo Cruz* 101(2):77-83. <http://dx.doi.org/10.1590/S0074-02762006001000014>.
- Krigbaum, John** (2005) Reconstructing subsistence in the West Mouth (Niah Cave) burial series using stable isotopes of carbon. *Asian Perspectives* 44:73-89. <https://muse.jhu.edu/article/185393>.
- Krigbaum, John** (2003) Neolithic subsistence patterns in northern Borneo reconstructed with stable carbon isotopes of enamel. *Journal of Anthropological Archaeology* 22:292-304. [https://doi.org/10.1016/S0278-4165\(03\)00041-2](https://doi.org/10.1016/S0278-4165(03)00041-2).
- Ambrose, Stanley H. and **Krigbaum, John** (2003) Bone chemistry and bioarchaeology. *Journal of Anthropological Archaeology* 22:193-199. [https://doi.org/10.1016/S0278-4165\(03\)00033-3](https://doi.org/10.1016/S0278-4165(03)00033-3).
- Ambrose, Stanley H. and **Krigbaum, John** (2003) Foreword: Bone chemistry and bioarchaeology. *Journal of Anthropological Archaeology* 22:191-192. [https://doi.org/10.1016/S0278-4165\(03\)00032-1](https://doi.org/10.1016/S0278-4165(03)00032-1).
- Barker, G., Barton, H., Beavitt, P., Bird, M., Daly, P., Doherty, C., Gilbertson, D., Hunt, C., **Krigbaum, J.**, Lewis, H., Manser, J.<sup>§</sup>, McLaren, S., Paz, V., Piper, P., Pyatt, B., Rabett, R., Reynolds, T., Rose, J., Rushworth, G., and Stephens, M. (2002) Prehistoric foragers and farmers in southeast Asia: renewed investigations at Niah Cave, Sarawak. *Proceedings of the Prehistoric Society* 68:147-164. <https://doi.org/10.1017/S0079497X00001481>.



Harrison, T., Verniers, J., Mbago, M.L., and **Krigbaum, J.<sup>g</sup>** (1993) Stratigraphy and mammalian palaeontology of Neogene sites in the Manonga Valley, northern Tanzania. *Discovery and Innovation* 5:175-180. <http://hdl.handle.net/1854/LU-314266>.

### NON-REFEREED Publications

Sharpe, Ashley E., Kamenov, George, and **Krigbaum, John** (in press) Mobility and lead isotopes. In (S.L. López Varela, ed.) *The SAS Encyclopedia of Archaeological Sciences*. Hoboken, NJ: John Wiley & Sons, Inc. 3 pp.

**Krigbaum, John** (2017) Early occupation of Southeast Asia: Dental-skeletal evidence. In (J. Habu, J. Olsen, and P. Lape, eds.) *Handbook of East and Southeast Asian Archaeology*, New York: Springer, pp. 309-318. doi 10.1007/978-1-4939-6521-2\_21.

**Krigbaum, John** (2007) Bioarchaeology (Osteoarchaeology). In (D.M. Pearsall, ed.) *Encyclopedia of Archaeology*. San Diego: Elsevier, pp. 924-927.

**Krigbaum, John** (2007) Stable Isotopes. In (D.M. Pearsall, ed.) *Encyclopedia of Archaeology*. San Diego: Elsevier, pp. 2075-2077.

Barker, G., Barton, H., Bird, M., Cole, F., Daly, P., Gilbertson, D., Hunt, C., **Krigbaum, J.**, Lampert, C., Lewis, H., Lloyd-Smith, L., Manser, J.<sup>g</sup>, Menotti, F., Paz, V., Piper, P., Pyatt, B., Rabett, R., Reynolds, T., Stephens, M., Thompson, G., Trickett, M., and Whittaker, P. (2002) The Niah Caves Project: The third (2002) season of fieldwork. *Sarawak Museum Journal* 57 (n.s. 78):87-177.

Barker, G., Barton, H., Beavitt P., Chapman, S., Derrick, M., Doherty, C., Farr, L., Gilbertson, D., Hunt, C., Jarvis, W., **Krigbaum, J.<sup>g</sup>**, Maloney, B., McLaren, S., Pettitt, P., Pyatt, B., Reynolds, T., Rushworth, G., and Stephens, M. (2000) The Niah Caves Project: Preliminary report on the first (2000) season. *Sarawak Museum Journal* 55 (n.s. 76):111-49.

Stringer, C.B. and **Krigbaum, J.S.** (2000) Niah Cave. In (E. Delson, I. Tattersall, J.A. Van Couvering, and A.S. Brooks, eds.) *Encyclopedia of Human Evolution and Prehistory*, second edition. New York: Garland Publishing, pp. 479.

**Krigbaum, J.<sup>g</sup>** and Ipoi Datan (1999) The Deep Skull of Niah: Borneo's first people. *Borneo* 5(1):12-17.

### REVIEWS

Heckenberger, Michael J. and **Krigbaum, John** (2015) Book Review: Colin Renfrew & Paul Bahn (eds.) *The Cambridge World Prehistory*, Volume 2: East Asia and the Americas. *Antiquity* 89: 763-765. <https://doi.org/10.15184/aqy.2015.42>

**Krigbaum, John** (2008). Book Review: Crossing the Rubicon: Stories of a small-brained hominin in the modern era. *Evolutionary Anthropology* 17:239-241.

**Krigbaum, John** (2008) Book Review: *Human Ecology: Biocultural Adaptation in Human Communities*. *Journal of Archaeological Science* 35:3043.

**Krigbaum, John** (2002) Book Review: *Biogeochemical Approaches to Paleodietary Analysis* - S.H. Ambrose and M.A. Katzenberg, eds. *Journal of Anthropological Research* 58:421-422.

**Krigbaum, J.S.** and Baer, A. (1998) Meeting Review: Glimpses of the Indo-Pacific Prehistory Association (IPPA) Conference held in Melaka, 1-7 July, 1998. *Borneo Research Bulletin* 29:232-234.

## Organized Conferences/Symposia

- *Methodological Advances in Isotopic Zooarchaeology*. Co-organized (with Ashley Sharpe) a symposium for the 82<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada, April 1, 2017.
- *Archaeological Sciences of the Americas* (2012) Faculty co-advisor (with Tiffany Tung) for student run conference co-hosted by Vanderbilt University and University of Florida, Nashville, TN, October 5-6, 2012.
- *Rethinking Rain Forest Occupation: New Research Directions in Tropical Archaeology* (2005). Co-organized (with Huw Barton) sponsored symposium for the 70<sup>th</sup> Annual Meeting of the Society for American Archaeology, Salt Lake City, UT, March 30-April 3, 2005. The symposium was sponsored by the Archaeology Section of the American Anthropological Association.
- *Coffins, Jars, and Tombs: Prehistoric Burial in East and Southeast Asia* (2005). Organized half-day symposium, as part of CLAS Asian Studies Lecture Series–2005. Invited three international scholars to the University of Florida to participate, discuss, and present their current research efforts on mortuary practices in prehistoric Southeast Asia (sponsored by CLAS, Asian Studies, and Department of Anthropology). University of Florida, Gainesville, FL, April 16, 2005.
- *Pioneer in paleodiet and the radiocarbon dating of bone: Papers in honor of Hal Krueger* (2001). Co-organized (with Stanley H. Ambrose) a sponsored symposium for the 66<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, LA. The symposium was sponsored by the Society for Archaeological Sciences.

## LECTURES/ABSTRACTS

- Krigbaum, John** (2018) Bioarchaeology in the Age of Isotopes. Invited Speaker for the members of the Suffolk Flora Trust Preserve, Great Glemham, Saxmundham, Suffolk, UK, July 21, 2018.
- Krigbaum, John** (2018) Isotopic Approaches to the Bioarchaeology of Prehistoric Florida and the Caribbean: Three Vignettes of Some Ongoing Projects. Invited Speaker for the Department of Archaeology, Durham University, UK, July 18, 2018.
- Krigbaum, John** (2018) Bioarchaeology in the Age of Isotopes: New Perspectives on Space and Time in Asian Prehistory. Invited paper for the International Workshop *Global History of Health Project: Health, Disease, and Lifestyle* organized by Qian Wang and Quanchao Zhang, Jilin University, Changchun, China, May 17-18, 2018.
- Krigbaum, John** (2018) Tropical Forests and Canopy Effects: Isotopic Adventures in Asian Prehistory and African Primatology. Invited Speaker for Anthropological, Environmental, and Geological Interdisciplinary Sciences (AEGIS), Department of Anthropology and Department of Earth Science, University of Minnesota, Minneapolis, MN. May 10, 2018.
- Krigbaum, John** (2018) Bioarchaeology in the Age of Isotopes: New Perspectives on Space and Time in Asian Prehistory. Invited Speaker for the Archaeological Institute of America—Jacksonville Chapter, Jacksonville, FL, February 24, 2018.
- Krigbaum, John** (2018) Tropical Forests and Canopy Effects: Isotopic Adventures in Asian Prehistory and African Primatology. Invited Speaker for the Department of Anthropology, The Pennsylvania State University, State College, PA, February 20, 2018.
- Krigbaum, John** (2017) Stable Isotopes and Canopy Effects: New Perspectives on Space and Time in Tropical Southeast Asia. Invited paper for the International Conference *Frontiers in Archaeological Sciences* organized by Dan Cabanes and colleagues, Rutgers University, New Brunswick, NJ, October 23-25, 2017.

- Krigbaum, John** (2017) Prehistoric Perspectives on Light and Heavy Isotopes of Human Tooth Enamel in Southeast Asia. Invited Speaker and participant at the DPAA Stable Isotope Research Symposium, Honolulu, HI, July 18-22, 2017.
- Lofaro, E.M.<sup>§</sup>, Kamenov, G., and **Krigbaum, J.** (2017) Revealing Mobility Through Isotopic Analyses at Amelia Island's Santa Maria Mission. Paper presented at the Florida Anthropological Society, Jacksonville, FL, May 5-7, 2017.
- Kolpan, K.<sup>§</sup>, Hanson, I., Kamenov, G., and **Krigbaum, J.** (2017) Utilizing Isotope Analysis to Assess the Origins of Axis Combatants from World War II. Paper presented at the 86<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, New Orleans, LA, April 19-22, 2017. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 250.
- Van Voorhis, L.<sup>§</sup>, **Krigbaum, J.**, Martinez, V., and Jastremski, N. (2017) Isotopes of Coastal Ecuador. Poster presented at the 86<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, New Orleans, LA, April 19-22, 2017. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 392.
- Fitzhugh, B., Ono, H., Amano, T., **Krigbaum, J.**, and Kamenov, G. (2017) Migration and Isolation in the Okhotsk Tradition of Hokkaido and the Kuril Islands. Paper presented at the 82<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada, Vancouver, BC, Canada, March 29-April 2, 2017.
- Krigbaum, J.**, Giovas, C.M., and Fitzpatrick, S.M. (2017) Agouti Commensalism? An Open Question in the Prehistoric Lesser Antilles, West Indies. Poster presented at the 82<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 29-April 2, 2017.
- Lauer, A., Acabado, S., Liu, C.-h., and **Krigbaum, J.** (2017) Health and Nutritional Stress in Pericolonial Ifugao, Philippines. Paper presented at the 82<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada, March 29-April 2, 2017.
- LeFebvre, M., deFrance, S., Kamenov, G., Keegan, W., and **Krigbaum, J.** (2017) The Zooarchaeology and Isotopic Ecology of the Bahamian Hutia (*Geocapromys ingrahami*). Paper presented at the 82<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada, Vancouver, BC, Canada, March 29-April 2, 2017.
- Liu, C.-h., Lauer, A., Acabado, S., Quitmyer, K.E., and **Krigbaum, J.** (2017) Faunal Management and Human-Landscape Interactions at Ifugao, Luzon, Philippines. Paper presented at the 82<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada, Vancouver, BC, Canada, March 29-April 2, 2017.
- Lofaro, E.<sup>§</sup>, Kamenov, G., Maguino, J.L.S., and **Krigbaum, J.** (2017) Identity, Residential Mobility, and Anthropogenic Lead in Early Colonial Huuamanga (Ayacucho), Peru. Paper presented at the 82<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada, Vancouver, BC, Canada, March 29-April 2, 2017.
- Van Voorhis, L.<sup>§</sup>, Martinez, V., Jastremski, N., and **Krigbaum, J.** (2017) Isotopes of Coastal Ecuador. Poster presented at the 82<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada, Vancouver, BC, Canada, March 29-April 2, 2017.
- Krigbaum, John** (2017) 千島・東北海道 Kurils & East Hokkaido / 動物・同位体分析 Isotope Analysis (Animal/Human Bones). Invited paper and participant in the Final Project Meeting of the *Small-Scale Economies Project* organized by Prof. Junko Habu (UC Berkeley), Research Institute for Humanity and Nature (RIHN), Kyoto, Japan, January 8-9, 2017.
- Krigbaum, J.**, Wallis, N., Kamenov, G., Lofaro, E.<sup>§</sup>, Friend, A.<sup>§</sup>, and Jacobs A.<sup>&</sup> (2016) Mayport Mound (8DU96) in Regional Context: An Isotopic Assessment of Residential Mobility at the Eastern Periphery. Paper presented at the 73<sup>rd</sup> Annual Meeting of the Southeastern Archaeological Conference, Athens, GA, October 26-29, 2016.
- Lofaro, E.M.<sup>§</sup>, Kamenov, G., Sharpe, A., and **Krigbaum, J.** (2016) Mobility and Contact: The Mission Site of Santa Maria, Amelia Island, Florida. Paper presented at the 73<sup>rd</sup> Annual Meeting of the Southeastern Archaeological Conference, Athens, GA, October 26-29, 2016.

- Okeny, C. and **Krigbaum, J.** (2016) Skeletal Remains Documented in the Ndali Crater Lakes Region: Cultural Associations, Physical Attributes, and Dietary Practices. Paper presented at the 23<sup>rd</sup> Biennial Meeting of the Society of Africanist Archaeologists, Université Toulouse–Jean Jaurès, Toulouse, France. June 28, 2016.
- Stone, J.H.<sup>§</sup>, **Krigbaum, J.** and Fitzpatrick, S.M. (2016) Isotopic Analysis of Prehistoric Human Diet at Chelechol ra Orrak, Palau. Poster presented at the 85<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Atlanta, GA, April 12-16, 2016. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 306.
- Eusebio, M.<sup>§</sup>, Piper, P., Campos, F., Zimmerman, A., and **Krigbaum, J.** (2016) Using Organic Compound-Specific Stable Isotope Ratios to Identify Animals in Prehistoric Foodways of Southeast Asia. Invited paper for the symposium *Applications of Isotope Research in Zooarchaeology* organized by Ashley Sharpe and Petra Cunningham-Smith for the 81<sup>st</sup> Annual Meeting of the Society for American Archaeology, Orlando, FL, April 6-10, 2016.
- Krigbaum, J.** (2016) Invited “Discussant” for the symposium *Applications of Isotope Research in Zooarchaeology* organized by Ashley Sharpe and Petra Cunningham-Smith for the 81<sup>st</sup> Annual Meeting of the Society for American Archaeology, Orlando, FL, April 6-10, 2016.
- Krigbaum, J.**, Lloyd-Smith, L., Tucker, B.<sup>§</sup>, Valentine, B.<sup>§</sup>, and Kamenov, G. (2016) Holocene seasonality, mobility, and diet at Niah Cave (Sarawak, East Malaysia): New Isotopic Results on Rainforest Foragers and Farmers? Invited paper for the symposium *Forests of Plenty: Ethnographic and Archaeological Rainforests as Hotspots of Human Activity* organized by Patrick Roberts for the 81<sup>st</sup> Annual Meeting of the Society for American Archaeology, Orlando, Florida, April 6-10, 2016.
- Lofaro, E.<sup>§</sup>, Maguino, J.L.S., and **Krigbaum, J.** (2016) Lamb of God: Caprine use in a Jesuit church in early Colonial Ayacucho, Peru. Invited paper for the symposium *Applications of Isotope Research in Zooarchaeology* organized by Ashley Sharpe and Petra Cunningham-Smith for the 81<sup>st</sup> Annual Meeting of the Society for American Archaeology, Orlando, FL, April 6-10, 2016.
- Thornton, E., Emery, K., **Krigbaum, J.**, and Speller, C. (2016) Biomolecular approaches to documenting ancient Maya turkey husbandry and use. Invited paper for the symposium *Applications of Isotope Research in Zooarchaeology* organized by Ashley Sharpe and Petra Cunningham-Smith for the 81<sup>st</sup> Annual Meeting of the Society for American Archaeology, Orlando, FL, April 6-10, 2016.
- Fitzhugh, B., Yoneda, M., Habu, J., Taylor, J., Kamenov, G., Shinkai, R. and **Krigbaum, J.** (2016) Okhotsk Culture Mobility in the Context of Maritime Subsistence and Seasonally Frozen Coasts. Invited paper co-presented with Ben Fitzhugh (University of Washington) for the symposium *Scientific Challenges in a Changing Arctic and Subarctic* at the 11<sup>th</sup> Annual Science Meeting of the Ecosystem Studies of Subarctic and Arctic Seas (ESSAS), Yokohama, Japan, March 7-9, 2016.
- Jacobs, A.T.<sup>&</sup>, **Krigbaum, J.**, Lofaro, E.M.<sup>§</sup>, and Wallis, N.J. (2015) A reevaluation of the Mayport Mound (8Du96) Burial Assemblage: Application of the Zonation Method. Paper presented at the 72<sup>nd</sup> Annual Meeting of the Southeastern Archaeological Conference, Nashville, TN, November 18-21, 2015.
- Stone, J.H.<sup>§</sup>, Giovas, C.M., Kamenov, G.D., **Krigbaum, J.**, and Fitzpatrick, S.M. (2015) Human and Animal Paleomobility in the Southern Caribbean: Strontium and Lead Isotope Evidence from Carriacou, Grenada. Poster presented at the 26<sup>th</sup> Congress of the International Association of Caribbean Archaeologists, St. Maarten/St. Martin, July 19-25, 2015.
- Krigbaum, J.** (2015) Prehistoric Diet and Migration in Asia and the Pacific. Invited Speaker for the USDA-ARS-CMAVE 2015 EEO Seminar Series: In recognition of Asian/Pacific American Heritage Month, US Department of Agriculture, Center for Medical, Agricultural and Veterinary Entomology, University of Florida, Gainesville, FL, May 19, 2015.

- Aronsen, G.P., Fehren-Schmitz, L., **Krigbaum, J.**, Kamenov, G., Conlogue, G., Pellatier, N., Blyth, T., Lombardo, R., Tonoike, Y., Deluca, D., Griego, A., Eckels, H., and Bellantoni, N. (2015) The YNH4: Multidisciplinary Review of Skeletons from New Haven, CT's First Roman Catholic Church Cemetery Reveal Ancestry, Economic, Social and Health Indicators. Poster presented at the 80<sup>th</sup> Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 15-19, 2015.
- Groff, A.<sup>§</sup>, Dupras, T., and **Krigbaum, J.** (2015) Take Me Home Desert Roads: Stable Oxygen Isotope Analysis and Migration in the Dakhleh Oasis, Egypt. Paper presented at the 80<sup>th</sup> Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 15-19, 2015.
- Krigbaum, J.** (2015) Invited "Discussant" for the symposium *Migration and Mobility in the New World* organized by Jessica H. Stone and Adrienne Offenbecker for the 80<sup>th</sup> Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 15-19, 2015.
- Krigbaum, J.**, Giovas, C.M., and Kamenov, G.D. (2015) Strontium and Lead Isotope Evidence for Paleomobility of Introduced Fauna in the Southern Caribbean. Poster presented at the 80<sup>th</sup> Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 15-19, 2015.
- Price, G.<sup>§</sup>, Shelton, K., Kamenov, G. and **Krigbaum, J.** (2015) Following the Herd: Isotopic Access to Faunal Commodity Chains in LBA [Late Bronze Age] Mycenae, Greece. Paper presented at the 80<sup>th</sup> Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 15-19, 2015.
- Stone, J.H.<sup>§</sup>, O'Rourke, D., Tackney, J., **Krigbaum, J.**, and Fitzpatrick, S.M. (2015) Prehistoric Population Mobility in the Caribbean: Genetic and Isotopic Investigations at Grand Bay, Carriacou, West Indies. Invited paper for the symposium *Migration and Mobility in the New World* organized by Jessica H. Stone and Adrienne Offenbecker for the 80<sup>th</sup> Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 15-19, 2015.
- Aronsen, G.P., Fehren-Schmitz, L., **Krigbaum, J.**, Kamenov, G.D., Conlogue, G.J., Pellatier, N.A., Grgurich, T., Lombardo, R.B., Tonoike, Y., De Luca, D.W., Griego, A., Eckels, H.T., and Bellantoni, N.F. (2015) 2:45 The YNH4: Multidisciplinary Review of Skeletons from New Haven, CT's First Roman Catholic Church Cemetery Reveal Ancestry, Economic, Social and Health Indicators. Poster presented at the 84<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 25-28, 2015. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 72.
- Stone, J.H.<sup>§</sup>, Tackney, J.J., O'Rourke, D.H., **Krigbaum, J.**, Fitzpatrick, S.M., and Nelson, G.C. (2015) Ancient DNA and Isotopic Analyses of Human Skeletal Remains from Chelechol ra Orrak, Republic of Palau. Poster presented at the 84<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 25-28, 2015. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 297-298.
- Groff, A.<sup>§</sup>, Dupras, T., and **Krigbaum, J.** (2015). The Road to Wellville: Investigating the Relationship Between Migration and Leprosy in the Dakhleh Oasis, Egypt. Paper presented at the 42<sup>nd</sup> Annual Meeting of the Paleopathology Association meeting in St. Louis, MO, March 24-25, 2015.
- Krigbaum, J.** and Wallis, N.J. (2014) Isotopic Evidence for Weeden Island Subsistence and Mobility at Hughes Island Mound (8DI45) and Palmetto Mound (8LV2). Invited paper presented in the Symposium *Subsistence and Seasonality on the Woodland Gulf Coast* organized by Carla Hadden for the 71<sup>st</sup> Annual Meeting of the Southeastern Archaeological Conference, Greenville, SC, November 12-16, 2014.
- Aronsen, G., Bellantoni, N., Conlogue, G., Fehren-Schmitz, L., and **Krigbaum, J.** (2014) Superstorm Sandy's Halloween Surprise: Initial Inventory and Assessment of Colonial-era Burials from the New Haven Green. Poster presented at the 79<sup>th</sup> Annual Meeting of the Society for American Archaeology, Austin, TX, April 23-27, 2014.

- Krigbaum, J.**, Wallis, Neill J., Tucker, B.<sup>§</sup>, Coutu, N.<sup>&</sup> and Holland, C.<sup>&</sup> (2014) Weeden Island Paleodiet and Mobility: Isotopic Results from Three Coastal Sites in Northern Florida. Poster presented at the 79<sup>th</sup> Annual Meeting of the Society for American Archaeology, Austin, TX, April 23-27, 2014.
- LeFebvre, M., Giovas, C. deFrance, S., **Krigbaum, J.**, and Fitzpatrick, S. (2014) Mammals on the Move: The Zooarchaeology of Pre-Columbian Circum-Caribbean Interactions and Economy. Invited paper presented in the symposium *Animals in New World Economy and Exchange* organized by Erin Thornton and Marilyn Masson for the 79<sup>th</sup> Annual Meeting of the Society for American Archaeology, Austin, TX, April 23-27, 2014.
- Lofaro, E.<sup>§</sup>, Wylde, M.W., deFrance, S., and **Krigbaum, J.** (2014) Canids in Pre-Columbian Peru: A Descriptive and Isotopic Analysis. Poster presented at the 79<sup>th</sup> Annual Meeting of the Society for American Archaeology, Austin, TX, April 23-27, 2014.
- Williamson, K.<sup>&</sup>, Aronsen, G.P., Bellantoni, N.F., Conlogue, G.J., Pellatier, N.A., **Krigbaum, J.**, Fehren-Schmitz, L., Tonoike, Y., Schiff, J.A., and Hole, F. (2014) Superstorm Sandy's Halloween Surprise: Initial Inventory and Assessment of Colonial-era Burials from the New Haven Green. Poster presented at the 83<sup>rd</sup> Annual Meeting of the American Association of Physical Anthropologists, Calgary, Canada, April 9-12, 2014. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 273-274.
- Krigbaum, J.**, Daegling, D., McGraw, S. (2014) Stable Isotope Canopy and Dietary Effects in Sympatric Monkeys from Taï Forest, Côte d'Ivoire. Invited poster presented for the symposium *Isotopic Advances in Primate Foraging Ecology* organized by Brooke Crowley and Matt Sponheimer for the 83<sup>rd</sup> Annual Meeting of the American Association of Physical Anthropologists, Calgary, Canada, April 9-12, 2014. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 161.
- Krigbaum, John** (2014) Canopy Effects and Paleoclimates: New Insights from Oxygen Stable Isotopes. Invited Speaker, Department of Anthropology, University of Georgia, Athens, GA, April 4, 2014.
- Krigbaum, John** (2014) Isotopic Analysis of Human Teeth in Island Southeast Asia: New Approaches to Assessing Seasonality. Invited Speaker for Department of Archaeology, Gadjah Mada University, Yogyakarta, Indonesia. February 14, 2014 -- Cancelled due to Mount Kelud eruption, February 13, 2014.
- Krigbaum, John** (2014) Human Diet and Movement 3000 Years Ago in Northern Sarawak. Invited Speaker for the Sarawak Museums Department, Kuching, Sarawak, Malaysia, February 11, 2014.
- Krigbaum, J.**, Schaub, A.<sup>&</sup>, Tucker, B.<sup>§</sup>, and Curtis, J. (2014) Assessing Seasonality of Terminal Pleistocene and Holocene Fauna (and Humans) Recovered from Niah Cave: New Stable Isotope Results from Serially Sampled Tooth Enamel. Invited paper presented in the Symposium *Interpreting the Palaeobiological Evidence for the Transition from Hunting and Gathering to Agriculture and Animal Management in Island and Mainland Southeast Asia: Where are we now?* organized by Phillip J. Piper and Timothy Denham for the 20<sup>th</sup> Congress of the Indo-Pacific Prehistory Association, Siem Reap, Cambodia, January 12-18, 2014.
- Secord, R., Bloch, J.I., Boyer, D.M., Chester, S.G.B.<sup>§</sup>, and **Krigbaum, J.** (2013) Stable Isotope Paleoecology and Vegetation Structure during the Paleocene-Eocene Thermal Maximum from Mammalian Tooth Enamel. Invited paper for the symposium *Using the Past to Look to the Future: Reconstructing Terrestrial Paleoenvironments and Paleoecosystems of Past Warm Worlds* organized by Nathan D. Sheldon and Selena Y. Smith for the 125<sup>th</sup> Annual Meeting of the Geological Society of America, Denver, CO, October 27-30, 2013. *Geological Society of America* (Annual Meeting Supplement).
- Krigbaum, J.** (2013) Isotopic Evidence for Hunter-Gatherer Paleodiet in Tropical Southeast Asia. Invited paper for Archaeology Day, University of Miami, Miami, FL, October 19, 2013.

- Robertson, K.<sup>§</sup> and **Krigbaum, J.** (2013) Effects of Caloric Restriction on Bone Turnover and Stable Isotope Ratios in Male SD Rats: Implications for Paleodietary Reconstruction. Invited Speaker co-presented for College of Veterinary Medicine, 2013 Spring Physiological Sciences Seminar Series (VME 6932), University of Florida, Gainesville, FL, April 16, 2013.
- Lofaro, E.M.<sup>§</sup>, Kurin, D.S., and **Krigbaum, J.** (2013) Chanka Mobility and Diet in the Central Highlands of Peru: A Multi-Isotope Analysis. Paper presented at the 82<sup>nd</sup> Annual Meeting of the American Association of Physical Anthropologists, Knoxville, TN, April 9-13, 2013. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 182.
- Krigbaum, J.**, Kamenov, G., Valentine, B.<sup>§</sup>, and Aronsen, G. (2013) Multiple Isotope and Trace Element Proxies to Infer Life History of Mid-19<sup>th</sup> Century Human Skeletal Remains from New Haven, Connecticut. Invited paper presented in the Symposium *Multidisciplinary Analysis of Human Skeletal Remains from a Mid-19<sup>th</sup> Century Cemetery in Connecticut* organized by Yukiko Tonoike and Nicholas Bellantoni for the 78<sup>th</sup> Annual Meeting of the Society for American Archaeology, Honolulu, HI, April 3-7, 2013.
- Liu, C-h.<sup>§</sup> and **Krigbaum J.** (2013) Population Dietary Diversity and Individual Life History of Late Metal Age Central Thailand. Invited paper presented in the symposium *Environmental Change and Past Human Responses: Human-Environmental Interactions Inscribed on the Skeleton* organized by Sian Halcrow and Gwen Robbins Schug for the 78<sup>th</sup> Annual Meeting of the Society for American Archaeology, Honolulu, HI, April 3-7, 2013.
- Price, G.<sup>§</sup> and **Krigbaum, J.** (2013) From Fields to Feast: Procurement and Consumption at Mycenae, Greece. Invited paper presented in the symposium *Not Every Meal is a Banquet: On the Multivocality of Food* organized by Claudine Vallieres and Guy Duke for the 78<sup>th</sup> Annual Meeting of the Society for American Archaeology, Honolulu, HI, April 3-7, 2013.
- Valentine, B.<sup>§</sup> and **Krigbaum, J.** (2013) Aridity, Residence, and Resource Use: Stable Isotope Data from Indus Civilization Human Remains. Invited paper presented in the symposium *Environmental Change and Past Human Responses: Human-Environmental Interactions Inscribed on the Skeleton* organized by Sian Halcrow and Gwen Robbins Schug for the 78<sup>th</sup> Annual Meeting of the Society for American Archaeology, Honolulu, HI, April 3-7, 2013.
- Krigbaum, John** (2012) Holocene Diet and Seasonality at Niah Cave (Sarawak, East Malaysia): New Insights from Light Stable Isotopes. Invited Speaker, Department of Anthropology, Appalachian State University, Boone, NC, November 2, 2012.
- Krigbaum, John** (2012) Holocene Diet and Seasonality at Niah Cave (Sarawak, East Malaysia): New Insights from Light Stable Isotopes. Paper presented at the Archaeological Sciences of the Americas Symposium 2012, Vanderbilt University, Nashville, TN, October 5-6, 2012.
- Krigbaum, John** (2012) Holocene Diet and Seasonality at Niah Cave (Sarawak, East Malaysia): New Insights from Light Stable Isotopes. Poster presented at the 14<sup>th</sup> International Conference of the European Association of Southeast Asian Archaeologists, Dublin, Ireland, September 18-21, 2012.
- Krigbaum, J.** and Jiao, T. (2012) Stable Isotope Ratio Analysis at the Neolithic Tanshishan Site in Southeast China (Fujian Province). Paper presented at the 77<sup>th</sup> Annual Meeting of the Society for American Archaeology, Memphis, TN, April 18-22, 2012.
- Laffey, A.O.<sup>§</sup>, Jordán, R.F., and **Krigbaum, J.** (2012) Stable Isotope Analysis as Inferential Indicators of Intrapopulation Variation within the Complejo Arqueológico el Brujo, Peru: Naymlap–Fact or Fiction? Poster presented at the 77<sup>th</sup> Annual Meeting of the Society for American Archaeology, Memphis, TN, April 18-22, 2012.
- Liu, C-h.<sup>§</sup> and **Krigbaum, J.** (2012) Human lifeways of Metal Age central Thailand: A bioarchaeological assessment. Invited paper presented at the 77<sup>th</sup> Annual Meeting of the Society for American Archaeology, Memphis, TN, April 18-22, 2012.

- Lofaro, E.M.<sup>§</sup>, Kurin, D., and **Krigbaum, J.** (2012) Isotopic Analysis of Chanka Mobility in the Central Highlands of Peru. Paper presented at the 77<sup>th</sup> Annual Meeting of the Society for American Archaeology, Memphis, TN, April 18-22, 2012.
- Schaub, A.<sup>&</sup>, **Krigbaum, J.**, Fitzpatrick, S., and Nelson, G. (2012) Palau paleodiet: New insights from stable isotope ratio analysis of human Bone. Paper presented at the 77<sup>th</sup> Annual Meeting of the Society for American Archaeology, Memphis, TN, April 18-22, 2012.
- Valentine, B.<sup>§</sup>, Shinde, V., and **Krigbaum J.** (2012) Mobility on the Margins: Immigrant experience at the Indus Civilization frontier. Invited paper presented at the 77<sup>th</sup> Annual Meeting of the Society for American Archaeology, Memphis, TN, April 18-22, 2012.
- Berger, M.H.<sup>&</sup>, **Krigbaum, J.S.**, Daegling, D.J., and McGraw, W.S. (2012) Stable isotope data for monkeys of the Ivory Coast's Tai Forest. Poster presented at the 81<sup>st</sup> Annual Meeting of the American Association of Physical Anthropologists, Portland, Oregon, April 5-7, 2012. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 97.
- Ferdinando, P., Laffey, A.<sup>§</sup>, and **Krigbaum, J.** (2011) Stable isotope analysis of samples from the East Okeechobee area: A preliminary sketch of paleodiet on the Southeast Florida coast from 500 B.C.-A.D. 1513. Poster presented at the 68<sup>th</sup> Annual Meeting of the Southeastern Archaeology Conference, Jacksonville, FL, November 2-5, 2011.
- Krigbaum, John** (2011) Isotopic Inferences on Holocene Human Diet and Seasonality in Tropical Southeast Asia. Invited Speaker for the Department of Anthropology's Archaeology Seminar, Yale University, New Haven, CT, October 28, 2011.
- Krigbaum, J.**, Fitzpatrick, S., and Bankaitis, J.<sup>§</sup> (2011) An Examination of Human Paleodiet at Grand Bay, Carriacou. Paper presented at the 24<sup>th</sup> Congress of the International Association of Caribbean Archaeologists, Martinique, July 27-31, 2011.
- Liu, C-h.<sup>§</sup> and **Krigbaum, J.** (2011) Biocultural Assessment of Metal Age Populations in Central Thailand with Respect to Social Status Differentiation. Invited paper presented at the 76<sup>th</sup> Annual Meeting of the Society for American Archaeology, Sacramento, California, March 30 - April 3, 2011.
- Olson, E.<sup>&</sup>, Emery, K., and **Krigbaum, J.** (2011) Zoometric Breed Analysis and Isotopic Paleodietary Reconstruction of the Maya Dog. Poster presented at the 76<sup>th</sup> Annual Meeting of the Society for American Archaeology, Sacramento, CA, March 30 - April 3, 2011.
- Krigbaum, John** (2010) Holocene Diet and Seasonality: Isotopic Insights for the Development of Food Production in Tropical Southeast Asia. Paper presented at the Indo-Pacific Prehistory Association, Hanoi, Vietnam, November 29 - December 5, 2010.
- Krigbaum, John** and Jiao, Tianlong (2010) Ancient Human Diet in Prehistoric Southeast China: New Stable Isotope Data from Tanshishan. Paper presented at the Indo-Pacific Prehistory Association, Hanoi, Vietnam, November 29 - December 5, 2010.
- Krigbaum, J.** (2010) Holocene Diet and Seasonality in Tropical Southeast Asia: Integrating Isotopic Data with Paleoclimate Proxies. Invited paper for the symposium *Advances in Paleoecology: Geochemistry, Microwear and Beyond* organized by Mark Clementz and Larisa DeSantis for the 70<sup>th</sup> Annual Meeting of the Society of Vertebrate Paleontology, Pittsburgh, PA, October 10-13, 2010. *Journal of Vertebrate Paleontology* (Annual Meeting Supplement) 118A.
- Secord, R., **Krigbaum, J.**, and Bloch, J. (2010) Stable Isotope Ecology of Modern Amazonian Mammals: Implications for Recognizing Closed Canopy Habitats in the Fossil Record. Invited paper for the symposium *Advances in Paleoecology: Geochemistry, Microwear and Beyond* organized by Mark Clementz and Larisa DeSantis for the 70<sup>th</sup> Annual Meeting of the Society of Vertebrate Paleontology, Pittsburgh, PA, October 10-13, 2010. *Journal of Vertebrate Paleontology* (Annual Meeting Supplement) 162A.
- Krigbaum, John** (2010) Isotopic Inferences of Holocene Paleodiet and Seasonality in Tropical Southeast Asia. Invited paper presented at the international workshop *China and the Pacific: Early*



*Maritime Cultures* organized by Tianlong Jiao for Xiamen University, Xiamen, China, May 20, 2010.

**Krigbaum, John** and Jiao, Tianlong (2010) Reconstructing Human Paleodiet at the Tanshishan Site, Fujian Province, China. Invited paper for the international forum *Archaeological Perspectives on Fujian, Southeast Asia and the Pacific* organized by Tianlong Jiao in association with the Third International Congress of the Worldwide Fujianese Entrepreneurs, Fuzhou, Fujian Province, China, May 17-18, 2010.

**Krigbaum, J.**, Tucker, B.D.<sup>§</sup>, and Lloyd-Smith, L.<sup>§</sup> (2010) Isotopic Inferences of Holocene Diet and Tropical Seasonality at Niah Cave (Sarawak, East Malaysia). Paper presented at the 75<sup>th</sup> Annual Meeting of the Society for American Archaeology, St. Louis, MO, April 14-18, 2010.

**Krigbaum, J.** (2010) South and Southeast Asian Neolithic. Invited Speaker for the Institute for Learning in Retirement, Oak Hammock, Gainesville, FL, February 26, 2010.

Kles, M.A.<sup>§</sup>, Goldberger, B., Merves, M., Warren, M., and **Krigbaum, J.** (2010) Preliminary Studies of the Isolation of Drugs from Bone and Bone Marrow: A Broadened Role for the Forensic Anthropologist. Invited paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA, February 2010.

**Krigbaum, J.** (2009) Isotopic Perspectives on Prehistoric Climate and Human Paleodiet in Tropical Southeast Asia. Invited Speaker for the Archaeological Institute of America—Gainesville Chapter, University of Florida, Gainesville, FL, October 13, 2009.

Coutts, K.<sup>§</sup>, Chu, A., and **Krigbaum J.** (2009) Social complexities of Life, Death and Sacrifice at the Pre-ceramic site of Bandurria, Peru suggested through stable isotope analysis. Paper presented at the Archaeological Sciences of the Americas Symposium 2009, Tampa, FL, October 2-4, 2009.

**Krigbaum, J.**, Tucker, B.D.<sup>§</sup>, and Valentine B.<sup>§</sup> (2009) Inferring Coastal Isotope Signatures (or lack thereof) at Late Pleistocene-Holocene Niah Cave, Sarawak (East Malaysia). Paper presented at the Archaeological Sciences of the Americas Symposium, Tampa, FL, October 2-4, 2009.

Laffey, A.O.<sup>§</sup>, Zimmerman, A., and **Krigbaum, J.** (2009) Pressurized liquid extraction of cholesterol from modern and fossil bone for paleodiet studies: Methodology and Effects. Paper presented at the Archaeological Sciences of the Americas Symposium 2009, Tampa, FL, October 2-4, 2009.

Liu, C-h.<sup>§</sup>, Tsang, C-h, Liu, Y-c, and **Krigbaum, J.** (2009) Inferring Iron Age Paleodiet in Northern Taiwan: Isotopic evidence from Shih-san-hang. Paper presented at the Archaeological Sciences of the Americas Symposium 2009, Tampa, FL, October 2-4, 2009.

Price, G.<sup>§</sup>, **Krigbaum, J.**, and Thacker, P. (2009) Late Woodland Subsistence: Faunal Isotope Data as a Proxy for Human Diet. Paper presented at the Archaeological Sciences of the Americas Symposium 2009, Tampa, FL, October 2-4, 2009.

Tucker, B.D.<sup>§</sup> and **Krigbaum, J.** (2009) Isotopic serial sampling of human molars suggests a seasonal occupation of the coast during the Florida Archaic. Paper presented at the Archaeological Sciences of the Americas Symposium 2009, Tampa, FL, October 2-4, 2009.

**Krigbaum, J.**, Lloyd-Smith, L.<sup>§</sup>, Tucker, B.D.<sup>§</sup>, and Valentine, B.<sup>§</sup> (2009) Integrating isotopic data sets at Niah Cave (Sarawak, Malaysia): New perspectives on Neolithic human subsistence, settlement, and mortuary pattern. Invited poster for the seminar *Darwin's Legacy: Early Human Evolution in Africa*, New York Consortium for Evolutionary Primatology, American Museum of Natural History, New York, NY, February 27 - March 2, 2009.

Secord, R.<sup>p</sup>, Chester, S. <sup>§</sup>, Bloch, J., Boyer, D., and **Krigbaum, J.** (2008) The First North American Equiids: A High-resolution Stratigraphic Study in the Paleocene-Eocene Thermal Maximum. Paper presented at the 78<sup>th</sup> Annual Meeting of the Society of Vertebrate Paleontology, Cleveland, OH, October 15-18, 2008. *Journal of Vertebrate Paleontology* (Annual Meeting Supplement) 140A.

**Krigbaum, J.** (2008) Microsampling human teeth for stable isotope analysis: New perspectives on Holocene diet and climate in tropical Southeast Asia. Invited Speaker for the Florida

- Anthropology Student Association (FASA), Colloquium Series, Department of Anthropology, University of Florida, Gainesville, FL, November 14, 2008.
- Krigbaum, J.**, Bentley, R.A., Stark, M.T., Pietruszewsky, M., and Belcher, W. (2008) New Perspectives on Diet, Ecology, and Residence During the Transition to History in the Mekong Delta. Invited paper presented in the symposium *Subsistence, Settlement, and Society: Formative East and SE Asia in Comparative Perspective* for the Society for American Archaeology 73<sup>rd</sup> Annual Meeting, Vancouver, British Columbia, Canada, April 26-30, 2008.
- Krigbaum, J.S.**, Tucker, B.D., and Quitmyer, I.R. (2008) Isotopic assessment of subannual diet and ecology through serial sampling of human molars. Invited poster presented in the symposium "Isotopic Applications in Evolutionary Anthropology" at the 77<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Columbus, OH, April 9-12, 2008. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 45: 134-135.
- Laffey, A., Zimmerman, A.R., Ahn, M.-Y., and **Krigbaum, J.S.** (2008) Optimization of method for compound specific isotope analysis of lipids extracted from archaeological bone. Poster presented in the symposium *Isotopic Applications in Evolutionary Anthropology* at the 77<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Columbus, OH, April 9-12, 2008. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 45: 136.
- Teague, M.A., Tucker, B.D., and **Krigbaum, J.S.** (2008) Investigating the effects of cooking on  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  of bone collagen, percent collagen yield, and  $\delta^{18}\text{O}$  in bone apatite. Poster presented in the symposium *Isotopic Applications in Evolutionary Anthropology* at the 77<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Columbus, OH, April 9-12, 2008. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 205.
- Chambers, E.N., McKee, J.K., Guatelli-Steinberg, D., and **Krigbaum, J.S.** (2007) Oxygen isotope analysis of human tooth enamel carbonate: Implications for climatological and environmental research. Paper presented at the Society for American Archaeology 72<sup>nd</sup> Annual Meeting, Austin, TX, April 25-29, 2007.
- Tucker, B. and **Krigbaum, J.** (2007) Isotopic Investigations of Mortuary Variability at Harris Creek-Tick Island. Paper presented at the Society for American Archaeology 72<sup>nd</sup> Annual Meeting, Austin, TX, April 25-29, 2007.
- Valentine, B., **Krigbaum, J.**, and Kamenov, G. (2007) Reconstructing human mobility in Neolithic Borneo using heavy isotopes of lead and strontium. Paper presented at the Society for American Archaeology 72<sup>nd</sup> Annual Meeting, Austin, TX, April 25-29, 2007.
- Chambers, E.N., McKee, J.K., Guatelli-Steinberg, D., and **Krigbaum, J.S.** (2007) Oxygen Isotope Analysis of Human Tooth Enamel Carbonate: Implications for Climatological and Environmental Research. Paper presented at the 76<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Philadelphia, PA, March 27-April 1, 2007. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 85-86.
- Liu, C.-h. and **Krigbaum, J.S.** (2007) Childhood Stress of Iron Age Taiwan: The Shih-san-hang Site as an Example. Poster presented at the 76<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Philadelphia, PA, March 27-April 1, 2007. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 158.
- Krigbaum, John** (2007) Anthropogenic Changes to Lowland Rainforest Habitats in Tropical Southeast Asia? Potential Clues Using Stable Isotope Data Derived from Tooth Enamel from the Late Pleistocene-Holocene Site of Niah Cave (Sarawak, East Malaysia). Invited paper presented at the 24<sup>th</sup> Annual Visiting Scholar conference at Southern Illinois University, Carbondale, IL, March 23-24, 2007.
- Tucker, Bryan, **Krigbaum, John**, Doran, Glen, and Wentz, Rachael (2006) Reconstructing Diet during the Florida Archaic: New Isotopic Data from Windover and Harris Creek/Tick Island. Paper

- presented at the 63<sup>rd</sup> Annual Meeting of the Southeastern Archaeological Conference, Little Rock, AR, November 2006.
- Tucker, B. and **Krigbaum, J.** (2006) Recovering seasonal variation in oxygen isotopes from human dentition. Poster presented at the 71<sup>st</sup> Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, April 2006.
- Krigbaum, John** (2005) Stable Isotope Analysis of Subfossil Monkeys from Niah Cave (Sarawak, Malaysia). Invited poster presented in the seminar *Monkeys New and Old*, New York Consortium for Evolutionary Primatology, American Museum of Natural History, New York, NY, October 28-30, 2005.
- Purdy, Barbara, Stafford, Tom, and **Krigbaum, John** (2005) Fossil Human Remains from Sites in Florida Containing Extinct, Late Pleistocene Megafauna: Assessing C-14 Dating Feasibility by using High Resolution CT-Scanning and Geochemical Analyses. Poster presented at the conference *Clovis in the Southeast*, Columbia, SC, October 26-29, 2005.
- Tucker, B. and **Krigbaum, J.** (2005) Was there Social Ranking at Harris Creek? Using Light Stable Isotopes to Address Status, Residence, and Sedentism During the Middle Archaic. Paper presented at the 62<sup>nd</sup> Annual Meeting of the Southeastern Archaeological Conference, Columbia, SC, November 2-5, 2005.
- Krigbaum, J.** (2005) Isotopes, Teeth, and the Canopy Effect: Reconstructing Diet and Ecology of Prehistoric Hunter-Gatherers in Tropical Southeast Asia using Carbon Stable Isotopes. Invited Speaker, Archaeology Colloquium Series, Department of Anthropology, University of Washington, Seattle, WA, June 3, 2005.
- Tucker, B. and **Krigbaum, J.** (2005) Was there Social Ranking at Harris Creek? Using Light Stable Isotopes to Address Status, Residence, and Sedentism During the Middle Archaic. Paper presented at the 57<sup>th</sup> Annual Meeting of the Florida Anthropological Society, Gainesville, FL, May 2005.
- Krigbaum, J.** (2005) Invited Speaker: Human Origins Presentation. Fort Clark Middle School, Gainesville, FL, May 2005.
- Krigbaum, J.** (2005) Mortuary patterns in prehistoric East and Southeast Asia: Setting the scene. Paper presented at the symposium *Coffins, Jars, and Tombs: Prehistoric Burial in East and Southeast Asia* organized by John Krigbaum, University of Florida, Gainesville, FL, April 16, 2005.
- Schultz, J.J., Warren, M.W., and **Krigbaum, J.S.** (2005) Analysis of Modern Cremated Human Remains: Gross and Chemical Methods. Poster presented at the 74<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Milwaukee, WI, April 6-9, 2005. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 188-189.
- Krigbaum, J.** (2005) Stable isotopes and lowland rain forest archaeology: new data from Niah Cave (Sarawak, Malaysia). Paper presented for the sponsored symposium *Rethinking Rain Forest Occupation: New Research Directions in Tropical Archaeology* organized by John Krigbaum and Huw Barton for the 70<sup>th</sup> Annual Meeting of the Society for American Archaeology, Salt Lake City, UT, March 30 - April 3, 2005.
- Krigbaum, J.** (2005) Paleoanthropology context and prehistoric isotope ecology at Niah Cave, Sarawak, Malaysia. Invited Speaker for the Evolution and Human Behavior Seminar Series, Department of Anthropology, Emory University, Atlanta, GA, March 23, 2005.
- Krigbaum, J.** (2004) Landscape Use in Prehistoric Island Southeast Asia: Isotopic Evidence from Niah Cave (Sarawak, Malaysia). Invited Speaker, Colloquium Series, Department of Geography, University of Florida, Gainesville, FL, October 2004.
- Krigbaum, J.** (2004) The West Mouth Burial Series. Invited paper presented in the Niah Cave Project workshop organized by Graeme Barker, Leicester University, Leicester, UK, May 2004.
- Krigbaum, J.** (2004) Prehistoric Dietary Transitions in Tropical Southeast Asia: Stable Isotope and Dental Caries Evidence From Two Sites in Malaysia. Invited paper presented at the Wenner-Gren

- sponsored conference *Paleopathology at the Origins of Agriculture, Revisited* organized by Mark Cohen and Gillian Crane-Kramer, Clearwater, FL, April 2004.
- Krigbaum, J.S.** (2004) Niah Cave Paleoanthropology in Late Pleistocene Regional Context. Invited paper presented at the symposium *The Current State of Paleoanthropological Research in East and Southeast Asia* organized by Sheela Athreya and Michelle M. Glantz for the 73<sup>rd</sup> Annual Meeting of the American Association of Physical Anthropologists, Tampa, FL, April 2004. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 129.
- Chambers, E.N., **Krigbaum, J.S.**, Kravchenko, I.I., and Van Rinsvelt, H.A. (2004) PIXE and Paleodiet: Reconstructing Subsistence of Florida's Middle Archaic Using a New Method of Trace Element Analysis. Poster presented at the 73<sup>rd</sup> Annual Meeting of the American Association of Physical Anthropologists, Tampa, FL, April 2004. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 74.
- Krigbaum, J.S.** (2003) Paleodiet and the Peopling of Sundaland: Modeling Early Human Subsistence Using Stable Isotopes of Carbon. Paper presented at the 72<sup>nd</sup> Annual Meeting of the American Association of Physical Anthropologists, Tempe, AZ, April 23, 2003. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 133.
- Krigbaum, J.**, Manser, J. Barker, G., Barton, H., Bird, M., Ipoi Datan, Gilbertson, D., Hunt, C., Reynolds, T., Sanders, W., and Stringer, C. (2003) The Early Human Remains from Niah Cave's West Mouth (Sarawak, Malaysia). Paper presented at the Paleoanthropology Society Meetings, Tempe, AZ, April 2003. <http://www.paleoanthro.org/media/uploads/files/abst2003.pdf>.
- Krigbaum, J.S.** (2002) New Perspectives on Hunter-Gatherer Subsistence and Settlement in Northern Borneo: New Evidence from Stable Carbon Isotopes. Paper presented at the 17<sup>th</sup> Congress of the Indo-Pacific Prehistory Association, Academic Sinica, Taipei, Taiwan, September 2002.
- Harrison, T. and **Krigbaum, J.S.** (2002) The Ecological Consequences of Human Colonization of the Sunda Shelf Islands: A Comparative Perspective. Paper presented at the 17<sup>th</sup> Congress of the Indo-Pacific Prehistory Association, Academic Sinica, Taipei, Taiwan, September 2002.
- Krigbaum, J.S.** (2001) Human paleodiet and the canopy effect in tropical Southeast Asia. Invited paper for the *Sixth Advanced Seminar on Paleodiets* organized by Paul Koch and James Burton, University of California, Santa Cruz, CA, September 2001.
- Krigbaum, J.S.** (2001) Patterning human paleodiet in the Neolithic of northern Borneo. Paper presented in the sponsored session *Pioneer in Paleodiet and the Radiocarbon Dating of Bone: Papers in Honor of Hal Krueger* organized by John Krigbaum and Stanley H. Ambrose for the 66<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, LA, April 2001.
- Krigbaum, J.S.** (2000) Patterns of prehistoric human subsistence in northern Borneo (Sarawak, East Malaysia): A paleodietary analysis using stable carbon isotopes. Invited paper for the symposium *Fertility, Forest Fires, and a Phonebook: What Everyone should know about Borneo Studies* for the 99<sup>th</sup> Annual Meeting of the American Anthropological Association, San Francisco, CA, November 15-19, 2000.
- Harrison, T. and **Krigbaum, J.S.** (2000) Primate biogeography and ecology on the Sunda Shelf islands: A paleontological and zooarchaeological perspective. Invited poster for the symposium *Current Issues in Primate Biogeography* presented at the 69<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, San Antonio, TX, April 12-15, 2000. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 158.
- Krigbaum, J.S.** (2000) Human Paleodiet, Carbon Isotopes, and the Canopy Effect: Documenting the Neolithic in Tropical Southeast Asia Using Tooth Enamel Apatite. Paper presented at the 69<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, San Antonio, TX,

April 12-15, 2000. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 28: 175.

**Krigbaum, J.S.** (2000) Isotopic Evidence for Rain Forest Clearance During the Neolithic of Tropical Southeast Asia. Invited paper for the symposium *Current Archaeological Research in Southeast Asia* presented at the 65<sup>th</sup> Annual Meeting of the Society for American Archaeology, Philadelphia, PA, April 5-9, 2000.

**Krigbaum, J.S.** (1999) Isotopes and teeth: A comparative study of prehistoric foraging populations from tropical Southeast Asia. Poster presented at the 68<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Columbus, OH. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 28:175.

**Krigbaum, J.S.** (1998) Stable isotope analysis of subfossil faunal remains from Niah Cave (Sarawak, Malaysia). Invited paper for the symposium *You are what you eat: Isotopic Ecology of Fossil Vertebrates* for the 58<sup>th</sup> Annual Meeting of the Society of Vertebrate Paleontology, Snowbird, UT, September 1998. *Journal of Vertebrate Paleontology* (Annual Meeting Supplement) 18(3):57A.

**Krigbaum, J.S.** (1998) Prehistoric human subsistence at Niah Cave. Invited Speaker, Sarawak Museums Department, Kuching, Sarawak, Malaysia, July 1998.

**Krigbaum, J.S.** (1998) Prehistoric human subsistence in tropical Southeast Asia: Isotopic evidence from Niah Cave. Paper presented in the symposium *Recent Advances in Bornean Archaeology*, organized by John Krigbaum and Ipoi Datan for the 16<sup>th</sup> Congress of the Indo-Pacific Prehistory Association, Melaka, Malaysia.

**Krigbaum, J.S.** (1998) Prehistoric human subsistence in tropical Southeast Asia: Isotopic evidence from Niah Cave. Poster presented at the 67<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Salt Lake City, UT. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 26:144.

**Krigbaum, J.S.** (1989) Biocultural adaptation in prehistoric Vermont. Paper presented at the 58<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, San Diego, CA. *American Journal of Physical Anthropology* (Annual Meeting Supplement) 78:256-257.

**Krigbaum, J.S.** (1989) Subsistence and health in an Early Woodland skeletal population from Vermont. Invited paper presented at the 54<sup>th</sup> Annual Meeting of the Society for American Archaeology, Atlanta, GA, April 1989.

**Krigbaum, J.S.** (1986) An Osteological Analysis of the Boucher Site Skeletons. Paper presented at the Annual Meeting of the Vermont Archaeological Society, Montpelier, VT, May 1986.

## **PROFESSIONAL SERVICES**

### Editorial Board

American Journal of Physical Anthropology (Wiley)

Bioarchaeology International (new journal – University of Florida Press)

### Manuscripts Reviewed

*Current Anthropology*

*Journal of Human Evolution*

*American Journal of Physical Anthropology*

*International Journal of Osteoarchaeology*

*Yearbook of Physical Anthropology*

*Journal of Archaeological Science*  
*Journal of Archaeological Science: Reports*  
*Quaternary International*  
*Quaternary Research*  
*Geology*  
*Asian Perspectives*  
*Bulletin of the Indo-Pacific Prehistory Association*  
*American Antiquity*  
*Hukay (Archaeology Society of the Philippines)*  
*Sarawak Museum Journal*  
*Biotropica*  
*Science Advances*

#### Grants Reviewed

German Research Foundation (DFG)  
Marsden Fund (New Zealand)  
National Science Foundation  
Leakey Foundation  
CUNY Research Grants  
NERC (UK)

#### Ph.D. Student Placement:

Robertson, Kimberly. (PhD Anticipated 2021). Current Position: Biological Scientist II, Department of Neuroscience, College of Medicine, University of Florida, Gainesville, FL.

Laffey, Ann. (PhD Anticipated 2019). Current Position: Assistant Professor of Anthropology, Santa Fe College, Gainesville, FL.

Kolpan, Katharine. PhD May 2017. Current Position: Visiting Assistant Professor of Anthropology, Western Washington University, WA.

Eusebio, Michelle. PhD December 2016. Current Position: Professional Lecturer 1, Archaeological Studies Program, University of the Philippines, Diliman, Quezon City, Philippines.

Lofaro, Ellen. PhD August 2016. Current Position: Curator of Archaeology, Department of Anthropology, University of Tennessee, Knoxville, TN.

Groff, Amanda. PhD August 2015. Current Position: Associate Lecturer, Department of Anthropology, University of Central Florida, Orlando, FL.

Price, Gypsy. PhD August 2015. Current Position: Adjunct Lecturer, Department of Anthropology, Appalachian State University, Boone, NC.

Valentine, Benjamin. PhD August 2013. Current Position: Assistant Director of Development, Corporate and Foundation Relations, Office of Development, UF Health, Gainesville, FL.

Kles, Maranda. PhD May 2013. Current Position: Archaeological Consultants, Inc., Sarasota, FL; Assistant Professor, Department of Anthropology, University of Louisiana at Lafayette; Adjunct Assistant Professor, Department of Pathology, Immunology, and Laboratory Medicine, University of Florida, College of Medicine, Gainesville, FL.

Liu, Chin-hsin. PhD December 2012. Current Position: Assistant Professor, Department of Anthropology, California State University, Northridge, Northridge, CA.

Tucker, Bryan. PhD August 2009. Current Position: State Archaeologist, Archaeology Section Chief at Georgia Historic Preservation Division, Department of Natural Resources, Stockbridge, GA.

#### AFFILIATIONS AND ASSOCIATIONS

- Indo-Pacific Prehistory Association

- American Association of Physical Anthropologists
- American Anthropological Association
- Dental Anthropology Association
- Paleoanthropology Society
- Paleopathology Association
- Archaeological Institute of America
- Society for American Archaeology
- Society for Archaeological Sciences