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EDUCATION

Ph.D., Harvard University (Anthropology), 1995
M.A., Harvard University (Anthropology)
M.A., Tufts University (Classical Archaeology)
B.S., Tufts University (Archaeology, with special honors; Chemistry, *cum laude*)

EMPLOYMENT

University of South Florida. Professor, Department of Anthropology (2006-); Undergraduate Director (2012-14); Acting Chair (summers 2002, 2003); Deputy Chair (2001-03); Associate Professor (2001-2006), Assistant Professor (1996-2001). USF Presidential Young Faculty Award (1998); USF Outstanding Faculty Award (2013); USF Outstanding Research Achievement Award (2018, 2020, 2021).
University of Massachusetts-Boston. Lecturer, Department of Anthropology (1995-96).
Harvard University. Laboratory Manager, Archaeometry Laboratories (1990-96); Teaching Fellow, Departments of Anthropology, Earth & Planetary Science, and Organismic & Evolutionary Biology (1987-94); Research Assistant, Department of Anthropology (1988); Keeper, Center for Archaeological Research and Development (1987-88).
Tufts University. Teaching and Research Assistant, Classics Department (1982-87).
Summer Super Stars Program, Bergen Community College. Instructor (summers 1985-86).
College Academy Program, Framingham State College. Instructor (summers 1980-84).

HONORS

Top 2% of Cited Scientists in the World (Stanford University Study, 2021)
USF Faculty Outstanding Research Achievement Award (2018, 2020, 2021)
USF World Certificate of Global Achievement (2016)
USF Outstanding Faculty Award, for election as Fellow of the American Association for the Advancement of Science (spring 2013)
USF President's Award for Faculty Excellence (2003)
Nominee, Society for American Archaeology Outstanding Dissertation Award (1997)
Graduate School of Arts & Sciences, Harvard University, Class Marshal (1996)
Special Honors in Archaeology, Senior Honors Thesis, Tufts University (1983)

LEADERSHIP (ELECTED POSITIONS)

Archaeological Institute of America, Tampa Bay Society (President, 2019-)
International Association for Obsidian Studies (President, 2016-2018)
Society for Archaeological Sciences (President, 2013-2015)
Archaeological Institute of America, Boston Society (President, 1993-96)
Harvard Archaeological Society (President, 1987-1990)
Harvard University Graduate Student Council (President, 1988)

Tufts University Tilton Hall Dormitory (President, 1981-1982)
 Trailside Model Rocket Club, Northern New Jersey (President, 1978-1979)

BIOGRAPHIES & LISTINGS

Who's Who in America; Who's Who in America Science and Engineering; Who's Who in the South and Southwest; Who's Who in American Education; Asian/American Who's Who; Academic Keys Who's Who in Social Sciences Higher Education; Cambridge Who's Who; International Who's Who of Professionals; Leading Educators of the World 2005; Lexington Who's Who; Dictionary of International Biography; Directory of American Scholars; America's Registry of Outstanding Professionals; 2000 Outstanding Intellectuals of the 21st Century (with Order of Excellence Award given to less than 200); Outstanding People of the 20th Century; International Biographical Centre Lifetime Achievement Award; Strathmore's Who's Who; and Worldwide Who's Who.

PUBLICATIONS & PRESENTATIONS

EDITED VOLUMES & JOURNAL ISSUES

11. **Tykot, R.H.**, M.C. Martinelli & A. Vianello (eds.). 2019. *Topical Issue on Scientific Studies of Obsidian Sources and Trade. Open Archaeology 5*. De Gruyter.
10. Tanasi, D., **R.H. Tykot** & A. Vianello (eds.). 2017. *Topical Issue on Portable XRF in Archaeology and Museum Studies. Open Archaeology 3*. De Gruyter.
9. **Tykot, R.H.** (ed.). 2014. *Proceedings of the 38th International Symposium on Archaeometry - May 10th-14th 2010 Tampa, Florida. Open Journal of Archaeometry 2*(1).
8. **Tykot, R.H.** (ed.). 2013. *Proceedings of the 38th International Symposium on Archaeometry - May 10th-14th 2010 Tampa, Florida. Open Journal of Archaeometry 1*(1).
7. Staller, J.E., **R.H. Tykot** & B.F. Benz (eds.). 2010. *Histories of Maize in Mesoamerica. Multidisciplinary Approaches*. Left Coast Press. ISBN 978-1-59874-496-5. Abridgement of Staller, Tykot & Benz 2006.
6. Barbarena, R., A.J. Gil, G.A. Neme & **R.H. Tykot** (eds.). 2009. *Stable Isotopes and Archaeology in Southern South America. Hunter-Gatherers, Agriculture and Pastoralism. International Journal of Osteoarchaeology 19*(2). Review in *Intersecciones en Antropología 10* (2009):371-372.
5. Vandiver, P., B. McCarthy, **R.H. Tykot**, J.L.R. Sil & F. Casadio (eds.). 2008. *Materials Issues in Art and Archaeology VIII*. Warrendale, PA: Materials Research Society Symposium Proceedings 1047. ISBN 978-1-55899-988-6.
4. Staller, J.E., **R.H. Tykot** & B.F. Benz (eds.). 2006. *Histories of Maize: Multidisciplinary Approaches to the Prehistory, Linguistics, Biogeography, Domestication, and Evolution of Maize*. Academic Press (Elsevier). ISBN 0-12-369364-0. Reviews in *SAS Bulletin 31*(3): 1, 25-27 (2006); *Journal of Ethnobotany 27*:1, 138-140 (2007); *American Antiquity 73* (2008): 375-376.
3. **Tykot, R.H.**, J. Morter, & J.E. Robb (eds.). 1999. *Social Dynamics of the Prehistoric Central Mediterranean*. Accordia Specialist Studies on the Mediterranean 3. London, Accordia Research Institute, University of London. Reviews in *Antiquity 73* (1999): 691; *American Antiquity 66* (2001): 552-554.
2. Balmuth, M.S. & **R.H. Tykot** (eds.). 1998. *Sardinian and Aegean Chronology: Towards the Resolution of Relative and Absolute Dating in the Mediterranean. Proceedings of the International Colloquium 'Sardinian Stratigraphy and Mediterranean Chronology', Tufts*

University, Medford, Massachusetts, March 17-19, 1995. *Studies in Sardinian Archaeology* 5. Oxford, Oxbow Books. ISBN 1-900188-82-1. Reviews in *Antiquity* 73 (1999): 942-944; *American Journal of Archaeology* 104: 131-132.

1. **Tykot, R.H.** & T.K. Andrews (eds.). 1992. *Sardinia in the Mediterranean: A Footprint in the Sea. Studies in Sardinian Archaeology Presented to Miriam S. Balmuth*. Monographs in Mediterranean Archaeology 3, Sheffield Academic Press. ISBN 1-85075-386-5. Reviews have appeared in: *Antiquity* 67 (1993): 937-938; *Bulletin of the American Schools of Oriental Research* 295 (1994): 93-94; *Proceedings of the Prehistoric Society* 60 (1994): 455-456; *Journal of Field Archaeology* 22 (1995): 117-119; *L'Anthropologie* 100 (1996): 266.

ARTICLES (* = peer reviewed)

2022

- *216. Tafani, A., C. Lazăr, and **R.H. Tykot**. Stable Isotope Data of Neolithic and Chalcolithic Populations in Bulgaria and Romania, 6600 to 4000 BC. *Data in Brief*. Accepted.
- *215. Caso, G., D. Tanasi, M.J. Glascock & **R.H. Tykot**. A landmark for local communities. Compositional analysis of the EIA sanctuary at Mount Polizzello (Sicily, Italy). *Journal of Archaeological Science: Reports* 41. Preprint.
- *214. Tanasi, D., G. Alberti, G. Caso, **R.H. Tykot**, P. Trapani & D. Amoroso. 2022. Bayesian radiocarbon modeling and the absolute chronology of the Middle Bronze Age Thapsos *facies* in Sicily: a view from St. Ippolito (Caltagirone). *Anthropologica and Praehistorica* 131/2020: 22-36.

2021

- *213. Alexander, C., K.A. Brown, K.P. Freund, M. Hofer, T. Mattioli, A. Di Miceli, I.M. Muntoni, & **R.H. Tykot**. 2021. UAVs rather than planes in the Neolithic Tavoliere: understanding site structure using UAV-based NIR imaging, photogrammetry, magnetometry and field survey. *Archeologia Aerea. Studi di Aerotopografia Archeologica* XIII(2019): 81-86. Claudio Grenzi Editore.
- 212. Tanasi, D., I. Gradante, A. Gennaro, S. Hassam, M. Sgarlata, **R.H. Tykot** & A. Vianello. 2021. Chemical Characterization via pXRF of Late Roman Pottery from Sicily: New Data from the Excavations at the Catacombs of St. Lucy at Siracusa (2011-2015). In *LCRW6: 6th International Conference on Late Roman Coarse Ware, Cooking Ware and Amphorae in the Mediterranean: Archaeology and Archaeometry, Land and Sea: Pottery Routes: Agrigento, 24-28 Maggio 2017*, a cura di V. Caminnecki, M.C. Parello, M.S. Rizzo, pp. 288-295. Palermo: Regione Siciliana, Assessorato Beni Culturali e Identità Siciliana, Dipartimento Beni Culturali e Identità Siciliana. Archaeopress.
- 211. **Tykot, R.H.**, A. Vianello & D. Gulli. 2021. Osservazioni sull'alimentazione della comunità reistorica di contrada Scintilia di Favara (AG) sulla base di analisi isotopiche. In I. Damiani, A. Cazzella & V. Copat (eds.), *Preistoria del cibo. L'alimentazione nella preistoria e nella protostoria*, pp. 65-74. Studi di Preistoria e Protostoria 6. Firenze: Istituto Italiano di Preistoria e Protostoria.
- * 210. **Tykot, R.H.** 2021. Non-Destructive pXRF on Prehistoric Obsidian Artifacts from the Central Mediterranean. *Applied Sciences* 11(7459): 1-19.
- * 209. Forgia, V., **R.H. Tykot**, A. Vianello & E. Natali. 2021. Obsidian from the Neolithic layers of 'Grotta di San Michele Arcangelo di Saracena' (Cosenza), Italy. A preliminary report. *Open Archaeology* 7: 615-630.

- * 208. Voas, M.R., K. Killgrove, **R.H. Tykot**, Z. Nyaradi, A. Gonciar & J.D. Bethard. 2021. Childhood in the Carpathians: An Isotopic Analysis of Childhood Diet and Weaning in an Ethnically Hungarian Medieval and Early Modern Transylvanian Village. *Journal of Archaeological Science: Reports* 38 (103046): 1-10.
- * 207. Speciale, C., M.R. Iovino, K. Freund, S. de Vita, N. Larosa, G. Battaglia, **R.H. Tykot** & S. Vassallo. 2021. Obsidian from the site of Piano dei Cardoni, Ustica (Palermo, Italy): New Insights on the Prehistoric Occupation of the Island. *Open Archaeology* 7: 273-290.
- * 206. Salesse, K., E. Dufour, V. Balter, **R.H. Tykot**, N. Maaranen, M. Rivollat, A. Kharobi, M.-F. Deguilloux, M.-H. Pemonge, J. Bruzek, & D. Castex. 2021. Far from home: a multi-analytical approach revealing the journey of an African born individual to imperial Rome. *Journal of Archaeological Science: Reports* 37 (103011): 1-17.
- * 205. McCaffrey, H., K. Miller & **R.H. Tykot**. 2021. Paleodiet of Turkeys (*Meleagris gallopavo*) in the Early Pueblo Period of the Northern Southwest. *KIVA: Journal of Southwestern Anthropology and History* 87(2): 129-151.
- * 204. **Tykot, R.H.** 2021. Obsidian in Prehistory. In P. Richet (ed.), *Encyclopedia of Glass Science, Technology, History, and Culture*, pp. 1237-1248. John Wiley & Sons, Inc.

2020

- 203. Brown, K. & **R.H. Tykot**. 2020. The Obsidian Finds. Provenancing, previous work and interpretation. In S. Hamilton & R. Whitehouse (eds.), *Neolithic Spaces. Vol. 1. Social and Sensory Landscapes of the First Farmers of Italy*, pp. 191-198. Accordia Research Institute, University of London.
- * 202. **Tykot, R.H.** & F. Foresta Martin. 2020. Analysis by pXRF of Prehistoric Obsidian Artifacts from Several Sites on Ustica (Italy): Long-Distance Open-Water Distribution from Multiple Island Sources during the Neolithic and Bronze Ages. *Open Archaeology* 6: 348-392.
- * 201. Perry, M.A., M. Provan, **R.H. Tykot**, L. Appleton & A. Lieurance. 2020. Using dental enamel to uncover the impact of childhood diet on frailty and mortality in Petra, Jordan. *Journal of Archaeological Science: Reports* 29 (2020) 102181.
- 200. **Tykot, R.H.** 2020. Bone Chemistry and Ancient Diet. In C. Smith (ed.), *Encyclopedia of Global Archaeology*, pp. 1517-1528. 2nd edition. Springer. doi:10.1007/978-3-319-51726-1_329-2.
- * 199. Tanasi, D. & **R.H. Tykot**. 2020. Chapter 9. New data on the absolute chronology of the Maltese Middle/Late Bronze Age. In D. Tanasi & D. Cardona (eds.), *The Maltese Archipelago at the Dawn of History. Reassessment of the 1909 and 1959 Excavations at Qlejj-a tal-Ba.rija and Other Essays*, pp. 137-142. Archaeopress Publishing.
- * 198. Tanasi, D., **R.H. Tykot**, F. Pirone & N.C. Vella. 2020. Chapter 7. Non-destructive pXRF analysis of Middle Bronze and Iron Age pottery from Malta. In D. Tanasi & D. Cardona (eds.), *The Maltese Archipelago at the Dawn of History. Reassessment of the 1909 and 1959 Excavations at Qlejj-a tal-Ba.rija and Other Essays*, pp. 109-120. Archaeopress.
- * 197. Ashkanani, H., **R.H. Tykot**, A. Ismail Al-Juboury, C.C. Stremtan, J. Petřík & K. Slavíček. 2020. A Characterization Study of Ubaid Period Ceramics from As-Sabbiya, Kuwait, Using a Non-Destructive Portable X-Ray Fluorescence (pXRF) Spectrometer and Petrographic Analyses. *Arabian Archaeology and Epigraphy* 31: 3-18.

2019

- * 196. Tanasi, D., **R.H. Tykot**, S. Hassam & A. Vianello. 2019. The Emergence of Copper-Based Metallurgy in the Maltese Archipelago: an archaeometric perspective. *STAR: Science & Technology of Archaeological Research* 5(2): 127-137.

- * 195. Skaggs, S., **R.H. Tykot** & T.G. Powis. 2019. Isotopic Analysis of a Newly Discovered Late Classic Ulua Valley Marble Vase Found at the Ancient Maya site of Pacbitun, Belize. *Journal of Archaeological Science: Reports* 26 (101896): 1-10.
- * 194. Tanasi, D., G. Caso, **R.H. Tykot** & D. Amoroso. 2019. Petrographic and chemical characterization of Middle Bronze Age pottery from Sicily: Towards a definition of an Etnean production. *Rendiconti dei Lincei. Scienze Fisiche e Naturali* 30: 399-415.
- * 193. Freund, K.P., S. Amicone, C. Berthold, **R.H. Tykot**, U. Veronesic & M.R. Manunza. 2019. Early Metallurgy in Sardinia: Characterizing the Evidence from Su Coddu. *Archaeological and Anthropological Sciences* 11: 6595-6602. <https://doi.org/10.1007/s12520-019-00928-y>
- * 192. Arthur, J.W., M.C. Curtis, K.J.W. Arthur, M. Coltorti, P. Pieruccini, J. Lesur, D. Fuller, L. Lucas, L. Conyers, J. Stock, S. Stretton & **R.H. Tykot**. 2019. The Transition from Hunting-Gathering to Food Production in the Gamo Highlands of Southern Ethiopia. *African Archaeological Review* 36:5-65.
- * 191. **Tykot, R.H.** 2019. Geological Sources of Obsidian on Lipari and Artifact Production and Distribution in the Neolithic and Bronze Age Central Mediterranean. *Open Archaeology* 5: 83-105.
- * 190. Martinelli, M.C., **R.H. Tykot**, A. Vianello. 2019. Lipari (Aeolian Islands) obsidian in the Late Neolithic. Artifacts, supply and function. *Open Archaeology* 5: 46-64.
- * 189. Acquafredda, P., F. Micheletti, I.M. Muntoni, M. Pallara & **R.H. Tykot**. 2019. Petroarchaeometric data on Antiparos obsidians (Greece) for provenance study by SEM-EDS and XRF. *Open Archaeology* 5: 18-30.
- * 188. Foresta Martin, F. & **R.H. Tykot**. 2019. Characterization and Provenance of Archaeological Obsidian from Pirozza-Spalmatore, a Site of Neolithic Colonization on the Island of Ustica (Sicily). *Open Archaeology* 5: 4-17.
- * 187. Ruka, R., M. Galaty, D. Riebe, **R.H. Tykot**, I. Gjipali & G. Kourtessi-Philippakis. 2019. pXRF analysis of obsidian artifacts from Albania: Crossroads or cul-de-sac? *Journal of Archaeological Science: Reports* 24: 39-49.

2018

- * 186. **Tykot, R.H.** Portable X-Ray Fluorescence Spectrometry (pXRF). 2018. In S.L. López Varela (ed.), *The SAS Encyclopedia of Archaeological Sciences*, pp. 1-5. John Wiley & Sons, Inc. DOI: 10.1002/9781119188230.saseas0481
- * 185. **Tykot, R.H.**, J.J. Herrmann, R. Stein, J. Gaunt, A.R. Skinner & S. Blevins. 2018. Analysis of Classical Marble Sculptures in The Michael C. Carlos Museum, Emory University, Atlanta. In D. Matetić Poljak & K. Marasović (eds.), *ASMOSIA XI Interdisciplinary Studies of Ancient Stone, Proceedings of the Eleventh International Conference of ASMOSIA, Split, 18-22 May 2015*, pp. 501-508. Split.
- * 184. **Tykot, R.H.**, O. Bouzidi, J.J. Herrmann, A. van den Hoek. 2018. Marble on Rome's Southwestern Frontier: Thamugadi and Lambaesis. In D. Matetić Poljak & K. Marasović (eds.), *ASMOSIA XI Interdisciplinary Studies of Ancient Stone, Proceedings of the Eleventh International Conference of ASMOSIA, Split, 18-22 May 2015*, pp. 467-479. Split.
- * 183. Attanasio, D., J.J. Herrmann, **R.H. Tykot** & A. van den Hoek. 2018. Roman and Early Byzantine Sarcophagi of Calcitic Marble from Thasos in Italy: Ostia and Siracusa. In D. Matetić Poljak & K. Marasović (eds.), *ASMOSIA XI Interdisciplinary Studies of Ancient Stone, Proceedings of the Eleventh International Conference of ASMOSIA, Split, 18-22 May 2015*, pp. 281-290. Split.
- * 182. Herrmann, J.J., **R.H. Tykot** & A. van den Hoek. 2018. Calcitic Marble from Thasos in the North Adriatic Basin: Ravenna, Aquileia, and Milan. In D. Matetić Poljak & K. Marasović (eds.), *ASMOSIA XI Interdisciplinary Studies of Ancient Stone, Proceedings of the Eleventh International Conference of ASMOSIA, Split, 18-22 May 2015*, pp. 239-246.

- * 181. Tafani, A., K. Peche-Quilichini, **R.H. Tykot** & J. Cesari. Caractérisation géochimique du matériel céramique de quatre sites corses du Bronze Final du Corse Méridionale au Moyen d'un Spectromètre Portable de Fluorescence à Rayons X. *Actes XII^e Rencontres Méridionales de Préhistoire Récente, Bayonne, France, September 27-October 1, 2018*, pp. 349-352.
- * 180. Tanasi, D., **R.H. Tykot**, F. Pirone & E. McKendry. 2018. Chemical characterization of EBA/MBA pottery from Ognina (Sicily). A comparison of XRF and pXRF for analysis of ancient pottery. In E. Herring & E. O'Donaghue (eds.), *The Archaeology of Death. Proceedings of the Seventh Conference of Italian Archaeology held at the National University of Ireland, Galway, April 16-18, 2016*. Papers in Italian Archaeology VII: 590-598. Archaeopress.
- * 179. Price, T.D., V. Tiesler, W.J. Folan & **R.H. Tykot**. 2018. Calakmul as a Central Place: Isotopic Insights on Urban Maya Mobility and Diet During the First Millennium AD. *Latin American Antiquity* 29(3): 439-454.
- * 178. Brown, K.A., **R.H. Tykot** & I.M. Muntoni. 2018. Obsidian in the Tavoliere, Southeastern Italy - A First Regional Study. *Journal of Archaeological Science: Reports* 20: 284-292. Corrigendum published in *JAS:R*.
- * 177. Alizadeh, K., S. Samei, K. Mohammadkhani, R. Heidari & **R.H. Tykot**. 2018. Craft Production at Köhne Shahar, a Kura-Araxes Settlement in Iranian Azerbaijan. *Journal of Anthropological Archaeology* 51: 127-143.
- * 176. Killgrove, K. & **R.H. Tykot**. 2018. Diet and Collapse: A Stable Isotope Study of Imperial-era Gabii (1st-3rd centuries AD). *Journal of Archaeological Science: Reports* 19: 1041-1049.
- 175. **Tykot, R.H.** 2018. Obsidian Artifacts: Origin of the Raw Material. In S. Forenbaher, *Special Place, Interesting Times: The Island of Palagruža and Transitional Periods in Adriatic Prehistory*, pp. 84-87. Archaeopress.

2017

- 174. Lai, L., O. Fonzo, E. Usai, L. Medda, **R.H. Tykot**, E. Goddard, D. Hollander & G. Tanda. 2017. Diet and ritual in the western Mediterranean Copper Age: human and animal stable isotopes from the collective burial at S. Caterina di Pittinuri (Sardinia, Italy). In T. Tomé, M. Díaz-Zorita Bonilla, A.M. Silva, C. Cunha & R. Boaventura (eds.), *Current Approaches to Collective Burials in the Late European Prehistory*, pp. 67-77. Proceedings of the XVII World UISPP Congress, Burgos (Spain), 1-7 September, 2014.
- * 173. Tanasi, D., **R.H. Tykot**, A. Vianello & S. Hassam. 2017. Stable isotope analysis of the dietary habits of a Greek community in Archaic Syracuse (Sicily): a pilot study. *Science and Technology of Archaeological Research* 3(2): 466-477. <https://doi.org/10.1080/20548923.2018.1441695>
- 172. **Tykot, R.H.** 2017. Lo scambio dell'ossidiana nel territorio lagunare. In N. Negroni Catacchio, M. Cardosa & A. Dolfini (a cura di), *Paesaggi d'Acque: La Laguna di Orbetello e il Monte Argentario tra Preistoria ed Età Romana*, pp. 280-283. Centro Studi di Preistoria e Archeologia, Milano.
- * 171. **Tykot, R.H.** 2017. Investigating Ancient "Bronzes:" Non-Destructive Analysis of Copper-Based Alloys. In J.M. Daehner, K. Lapatin & A. Spinelli (eds.), *Artistry in Bronze: The Greeks and Their Legacy. XIXth International Congress on Ancient Bronzes*, pp. 289-299. The J. Paul Getty Museum and the Getty Conservation Institute, Los Angeles.
- * 170. Waterman, A.J., J. Beck, J.T. Thomas & **R.H. Tykot**. 2017. Stable Isotope Analysis of Human Remains from Los Millares Cemetery (Almería, Spain, 3200-2200 CAL BC.): Regional Comparisons and Dietary Variability. *Menga. Revista de Prehistoria de Andalucía* 8: 14-27.

- * 169. Díaz-del-Río, P., A.J. Waterman, J.T. Thomas, D.W. Peate, **R.H. Tykot**, M.I. Martínez Navarrete & J.M. Vicent. 2017. Diet change and mobility patterns in the Late Prehistory of Central Iberia (4000-1400 cal BC). The evidence of radiogenic ($^{87}\text{Sr}/^{86}\text{Sr}$) and stable ($\delta^{18}\text{O}$, $\delta^{13}\text{C}$) isotope ratios. *Archaeological and Anthropological Sciences* 9: 1439-1452.
- * 168. **Tykot, R.H.** 2017. A Decade of Portable (Hand-Held) X-Ray Fluorescence Spectrometer Analysis of Obsidian in the Mediterranean: Many Advantages and Few Limitations. *MRS Advances* 2(33-34): 1769-1784.
- * 167. Vianello, A. & **R.H. Tykot**. 2017. Investigating Technological Changes in Copper-Based Metals Using Portable XRF Analysis. A Case Study in Sicily. *Open Archaeology* 3: 392-408.
- * 166. **Tykot, R.H.** 2017. Obsidian Studies in the Prehistoric Central Mediterranean: After 50 Years, What Have We Learned and What Still Needs to Be Done? *Open Archaeology* 3: 264-278.
- * 165. Marino, S., E. Natali, **R.H. Tykot** & A. Vianello. 2017. PXRF determination of the obsidian industry from the S-F area of Piani della Corona EBA settlement (Bagnara Calabria - RC, South Italy). *Open Archaeology* 3: 255-262.
- * 164. Raudino, A., **R.H. Tykot** & A. Vianello. 2017. Monte Finocchito and Heloros Pottery Production: New Evidence through Technological Studies and Material Analysis. *Open Archaeology* 3: 247-254.
- * 163. Tanasi, D., **R.H. Tykot**, F. Pirone & E. McKendry. 2017. Provenance study of prehistoric ceramics from Sicily: a comparative study between pXRF and XRF. *Open Archaeology* 3: 222-234.
- * 162. Pirone, F.S. & **R.H. Tykot**. 2017. Trace Elemental Characterization of Maltese Pottery from the Late Neolithic to Middle Bronze Age. *Open Archaeology* 3: 202-221.
- 161. **Tykot, R.H.**, A. Vianello & M.D. Colombo. 2017. Ficora di Mora, Tenuta di Nola (Venafro, IS). *Notiziario di Preistoria e Protostoria* 4.II: 54-56.
- * 160. Herrmann, J.J., Jr., **R.H. Tykot** & A. van den Hoek. 2017. Colored marble column shafts in Algeria. *Thiasos Monografie* 9: 777-788.
- * 159. Díaz-del-Río, P., S. Consuegra, J. Audije, S. Zapata, Ó. Cambra, A. González, A. Waterman, J. Thomas, D. Peate, C. Odriozola, R. Villalobos, P. Bueno, **R.H. Tykot**. Un enterramiento colectivo en cueva del III milenio AC en el centro de la Península Ibérica: El Rebollosillo (Torrelaguna, Madrid) / A third millennium BC collective burial cave in central Iberia: El Rebollosillo (Torrelaguna, Madrid). *Trabajos de Prehistoria* 74(1):68-85.
- * 158. Freund, K.P., **R.H. Tykot** & A. Vianello. 2017. Contextualizing the Role of Obsidian in Chalcolithic Sicily (c. 3500 - 2500 BC). *Lithic Technology* 42: 35-48.

2016

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- The Effects of Soluble Salts on the Elemental Analysis of Archaeological Ceramics*. Senior Honors Thesis, Interdepartmental Archaeology Program, Tufts University.

CONTRACT & TECHNICAL REPORTS

61. White, N.M., J.W. Sedig, R.B. Tullos & **R.H. Tykot**. 2022. *Report, National Geographic Society Grant #NGS-58193R-19: Prehistoric People of Richardson's Hammock Site, Northwest Florida*. Report to National Geographic Society.
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59. **Tykot, R.H.** 2022. *Report on Elemental Analysis of Paint Colors used in Picasso Painting*. Report for Christine Theodore, University of Tampa, Florida.
58. **Tykot, R.H.** 2020. *pXRF Analysis of Two Metal Samples from the Bronze Cannon*. Report for P. Robinson, Bronze Cannon Corp., Florida.

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56. **Tykot, R.H.** 2020. *Analysis of the Etruscan Mirror at the Ringling Museum*. Report for the Ringling Museum, Sarasota, FL.
55. **Tykot, R.H.** 2020. *Elemental Analysis of a Metal Figurine from a Florida Yard Sale*. Report for Christopher Edwards, Tampa, FL.
54. **Tykot, R.H.** & J. Maiers. 2019. *Report on Skeletal Collection Donated by St. Petersburg History Museum and Analytical Studies Done*. University of South Florida.
53. **Tykot, R.H.** 2018. *Report on pXRF Analysis of Two Bronze Coins*. Report for Ancient NOMOS Art.
52. **Tykot, R.H.** 2018. *Report on Paper Container Colorant Contamination*. Report for Venkat Bhethanabotla, University of South Florida.
51. **Tykot, R.H.** 2018. *Compositional Analysis of Metal Fragments from Tyndall AFB, Central Florida*. Report for Versar Environmental Services Group, Virginia.
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48. **Tykot, R.H.** 2017. *Report on King James Coin in the USF Library Collection*. Report for Davide Tanasi, University of South Florida.
47. **Tykot, R.H.** 2016. *Comments on the Bruker 5i*. Report for Bruker, Kennewick, Washington.
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44. Taylor, S., M.P. Ordonez, **R.H. Tykot**, G. Goad & G. Massou. 2016. *Report on the Isotopic and Elemental Analysis of a Sample of Bones and Teeth from El Dornajo, El Oro Province, Ecuador*. Report for INPC, Ecuador.
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42. Vianello, A. & **R.H. Tykot**. 2015. *Rapporto analisi pXRF sul diadema aureo di Hera Lacinia*. Report for Il Museo Archeologico Nazionale di Crotona, Italy.
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40. **Tykot, R.H.** 2015. *Report on Belle Glade Ceramics*. Report for David Butler, Full Sail University, Winter Park, Florida.
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38. **Tykot, R.H.** 2015. *Report on Two Metal Artifacts from Mike's Knob (8BR3188)*. Report for Travis Doering, University of South Florida, Tampa.
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35. **Tykot, R.H.** 2014. *Report on Sourcing Analysis of Obsidian Artifacts from Cyprus*. Report for Alan Simmons, University of Nevada - Las Vegas.
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33. Alexander, C., K.A. Brown & **R.H. Tykot**. 2014. *Report on 2013 Fieldwork in the Tavoliere*. Report for Soprintendenza per i Beni Archeologici della Puglia.
32. **Tykot, R.H.** 2013. *Report on Iridium Content in Geological Samples*. Report for Robert De Palma, Paleogen Corp.

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29. **Tykot, R.H.** 2011. *Analysis of Glass-Like Core and Flake Objects Found in the Netherlands*. Report for Marcel Niekus, Riksuniversiteit Groningen, Netherlands.
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23. **Tykot, R.H.** 2009. *Elemental Analysis of Obsidian Artifacts from Armenia*. Report for B. Varoutsikos.
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21. **Tykot, R.H.** 2007. *XRF Analysis of a Metal Disk from the Blueberry Site, 8Hg678, Florida*. Report for D.S. Butler.
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19. **Tykot, R.H.** 2005. *Isotopic Analysis of Marble Sculptures in the Museum of Art and Archaeology*. Report for the University of Missouri-Columbia.
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17. **Tykot, R.H.** 2005. *Multi-Method Analysis of Marble from the Honolulu Academy of Arts*. Report for the Honolulu Academy of Arts, Hawaii.
16. **Tykot, R.H.** 2004. *SEM Analysis of a Copper Tablet from the Kissimmee Valley, Florida*. Report for the Kissimmee Valley Archaeological & Historical Conservancy, Lake Placid, Florida.
15. **Tykot, R.H.** 2003. *Electron Microprobe Analysis of Maryland Metarhyolites: A Pilot Study*. Report for R. Christopher Goodwin & Associates, Frederick, Maryland.
14. **Tykot, R.H.** 2003. *Report on isotopic analysis of human and faunal remains from the Iron Age site of Tzamala, Greece*. Submitted to Laura Wynn-Antikas and Theo Antikas, Lithoro-on-Olympus, Greece.
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12. **Tykot, R.H.** 2002. *Isotopic Analysis of a Roman Hippocamp with Nereid*. Report for Alan K. Safani, New York.
11. Jones, P.L., S.K. Stewart & **R.H. Tykot**. 2000. *An Archaeological Survey of the Foster Property, Sarasota County, Florida*. Report on File, Panamerican Consultants, Inc., Tampa, Florida.
10. **Tykot, R.H.** & J.A. Clay. 1999. *A Cultural Resource Assessment Survey of the Proposed Uppakrik Subdivision, Sarasota County, Florida*. Report on File, Department of Anthropology, University of South Florida.
9. **Tykot, R.H.**, K. Driscoll & R.J. Hagen. 1998. *Archaeological and Historic Cultural Resource Assessment for the Colonia-Edmondson Road Improvement Project, Venice, Florida*. Report on File, Department of Anthropology, University of South Florida.

8. **Tykot, R.H.** 1998. *A Cultural Resource Assessment Survey of the Ryan Parcel, Hancock Road, Sarasota, Florida*. Report on File, Department of Anthropology, University of South Florida.
7. **Tykot, R.H.** & T. Fassler. 1997. *Our Lady of Perpetual Help Retreat Center, Venice, Florida: A Cultural Resource Assessment Survey*. Report on File, Department of Anthropology, University of South Florida.
6. **Tykot, R.H.** 1997. *Source Analysis of Obsidian from La Vela (Trento)*. Report for A.J. Ammerman, Colgate University, New York.
5. **Tykot, R.H.** & T. Fassler. 1997. *Cultural Resource Assessment using Ground Penetrating Radar for the Englewood Disposal Company - New Administration Complex, 5221 State Road 776, Venice, Florida*. Report on File, Department of Anthropology, University of South Florida.
4. **Tykot, R.H.** & T. Earnest. 1997. *Cultural Resource Assessment of the L.Y. Douglas Estate, Wall Springs, Pinellas County, Florida*. Report on File, Department of Anthropology, University of South Florida.
3. **Tykot, R.H.** 1995. *The Provenance of Obsidian found at the Aceramic Neolithic Site of Kholetria Ortos (Cyprus)*. Report for A. Simmons, University of Nevada, Las Vegas.
2. **Tykot, R.H.** 1993. *The Provenance of Archaeological Obsidian from Zembra Island, Tunisia*. Report for J.-D. Vigne, Muséum National d'Histoire Naturelle, Paris, France.
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BOOK REVIEWS AND MISCELLANEOUS CONTRIBUTIONS

22. **Tykot, R.H.** 2017. Notes from the President. *International Association for Obsidian Studies Bulletin* 58: 2-3.
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20. **Tykot, R.H.** 2016. Report on the International Obsidian Conference on Lipari (Italy), June 1-3, 2016. *The Current. Newsletter of the Island & Coastal Archaeology Interest Group* 4(2): 4-6.
19. **Tykot, R.H.** 2016. Report on the International Obsidian Conference on Lipari (Italy). *International Association for Obsidian Studies Bulletin* 55: 2-3.
18. **Tykot, R.H.** 2014. Review of *Handheld XRF for Art and Archaeology*, edited by A.N. Shugar & J.L. Mass (Studies in Archaeological Sciences 3, Leuven University Press, 2012). *Society for Archaeological Sciences Bulletin* 37(3): 23-26.
17. **Tykot, R.H.** 2011. Review of *Scientific Methods and Cultural Heritage. An introduction to the application of materials science to archaeometry and conservation science*, by Gilberto Artioli (Oxford University Press, 2010). *Society for Archaeological Sciences Bulletin* 34(3): 26-27.
16. **Tykot, R.H.** 2009. Contributor to *Mortuary Customs in Prehistoric Malta: Excavations at the Brochtorff Circle at Xaghra (1987-94)*, edited by C. Malone, S. Stoddart, A. Bonnano & D. Trump, pp. 250, 463. McDonald Institute Monographs, Cambridge.
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14. **Tykot, R.H.** 2003. Response to Farms or Fertility Symbols? *Archaeology Odyssey* 6(4): 58-59.
13. **Tykot, R.H.** 2002. Review of *The Science and Archaeology of Materials: An Investigation of Inorganic Materials*, by J. Henderson (Routledge, 2000), *Antiquity* 76(291): 280-281.

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5. **Tykot, R.H.** 1994. Review of *Problem-Solving in Mediterranean Archaeology* (AIA Meeting, Washington DC, 1993), *SAS Bulletin* 17(2):6-7.
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3. **Tykot, R.H.** 1993. Architecture through Time, and Ancient Columns. ΣΗΜΕΙΟΝ ΑΝΑΦΟΡΑΣ. *A Journal of Hellenic Thought and Culture*, pp. 55, 61.
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ACCEPTED ARTICLES

- *6. Herrmann, J.J., Jr., **R.H. Tykot** & A. van den Hoek. Calcitic Alabaster in Algeria. Submitted to *Proceedings of the ASMOSIA XII - Association for the Study of Marble & Other Stones in Antiquity XII. International Conference*.
- *5. Herrmann, J.J., Jr., **R.H. Tykot** & A. van den Hoek. Yellow-and-White Breccia in Cherchel, Algeria and "Breccia romana" (Lez breccia) from the Pyrenees. Submitted to *Proceedings of the ASMOSIA XII - Association for the Study of Marble & Other Stones in Antiquity XII. International Conference*.
- *4. **Tykot, R.H.**, J.J. Herrmann Jr. & A. van den Hoek. Portable X-ray Fluorescence Testing in the Vatican and Early and Late Manifestations of Sculpture in Thasian Marble at Rome. Submitted to *Proceedings of the ASMOSIA XII - Association for the Study of Marble & Other Stones in Antiquity XII. International Conference*.
- *3. Herrmann, J.J. Jr., **R.H. Tykot** & A. van den Hoek. Mt. Filfila and Marble in Rusicade (Skikda, Algeria). Submitted to *Proceedings of the ASMOSIA XII - Association for the Study of Marble & Other Stones in Antiquity XII. International Conference*.
- *2. Tafuri, M.A., M. Mastroroberto, **R.H. Tykot** & J. Robb. Ricostruzione delle dinamiche sociali e della mobilità nella Media età del Bronzo della Campania. Indagini sulla dieta tramite analisi degli elementi in traccia e degli isotopici stabili su campioni di osso e smalto dentario a Sant'Abbondio (Pompei). *Rivista di Scienze Preistoriche*. In press.

1. Lai, L., **R.H. Tykot**, R. Floris, D. Salvi, E. Goddard & D. Hollander. La dieta del gruppo umano sepolto a Su Stampu: prime analisi isotopiche. In *Su Stampu 'e Giuannicu Meli*. Comune di Villaputzu. In press.

ARTICLES SUBMITTED FOR REVIEW

10. **Tykot, R.H.** & M. Hughes Markovicz. Source Analysis of the Obsidian Collection of the Pepperwood Preserve Museum, Sonoma County, California. Submitted to *Archaeological Research Facility (ARF)*. Editors L.R.M. Johnson, K.P. Freund, & N. Tripcevich.
9. Podrug, E., S.B. McClure, S. Kačar, Z. Perhoč, K. Reed, **R.H. Tykot**, D. Marguš, N. Mazzucco, D. Guilbeau, J. Jovič, N. Ilijanić, S. Miko, I. Ivkić, V.H. Tadesse & A. Karp. Krivace - results of archaeological excavation of the Middle Neolithic village and geological research of the paleolake in the Bribir-Ostrovica valley (north Dalmatia). *Izdanja Hrvatskog Arheoloskog Društva* (Journal of Croatian Archaeological Society). Submitted.
8. Foresta Martin, F., E. Massaro, P. Donato & **R.H. Tykot**. Chlorine to Sodium Ratio as an Empirical Geochemical Estimator of Obsidian Aging. Submitted to L.R.M. Johnson, K.P. Freund & N. Tripcevich (eds.), *Archaeological Research Facility: Global Archaeological and Geological Studies of Volcanic Glass*.
7. **Tykot, R.H.** & C. Malone. Prehistoric Obsidian Source Selection at the Brochtorff Circle at Xaghra in Malta. Submitted to F.-X. Le Bourdonnec, M. S. Shackley & M. Orange (Eds.), *Sourcing Obsidian*. Springer.
6. Caso, G., D. Tanasi, E. Greco & **R.H. Tykot**. Petrographic characterization of Late Bronze Age and Early Iron Age ritual pottery sets from Polizzello Mountain (Caltanissetta, Italy). Submitted to *Rendiconti dei Lincei. Scienze Fisiche e Naturali*.
5. **Tykot, R.H.** Prehistoric Obsidian Travel To and Through Central Italy. Submitted to C. Reepmeyer & T. Moutsiou (eds.), *Obsidian and the Sea: Evidence, Concepts and Social Implications of its Maritime Transportation*. Cambridge University Press.
4. Wang, Y., P. Van Beynen, P. Wang, G. Brooks, G. Herbert & **R.H. Tykot**. Investigation of Sedimentary Records of Hurricane Irma, Big Pine Key, Florida. Submitted to *Progress in Physical Geography*.
3. Delgado, M., A. Triana & **R.H. Tykot**. Isotopic ecology and Holocene forager diets in Andean montane forests at Sabana de Bogotá (Northern South America). Submitted to *Quaternary International*.
2. Peña, J.L. & **R.H. Tykot**. Local Pottery Manufacture under Inca Rule in the Huancabamba Valley, Cajamarca, Peru. *Latin American Antiquity*. Resubmitted.
1. Dobereiner, J.C., W.A. Saturno & **R.H. Tykot**. Decentralized Exchange in the Late Preclassic Maya Lowlands: Interpreting pXRF Obsidian Provenance Data from San Bartolo, Guatemala. Submitted to *Ancient Mesoamerica*.

ARTICLES IN PREPARATION

25. Tanasi, D., **R.H. Tykot**, A. Vianello, J. Bethard, I. Gradante, S. Hassam, P. Trapani & T. Ricciardi. Diet and Mobility in Late Roman Christian Community: Isotopic Data from the Catacombs of Santa Lucia, Syracuse (Italy).
24. Lai, L., O. Fonzo, **R.H. Tykot**, E. Goddard, D. Hollander, L. Medda & G. Tanda. Intensified exploitation of animal products in the Mediterranean Copper Age. The evidence from Scaba 'e Arriu (Sardinia). For *Archaeological and Anthropological Sciences*.
22. Gilbertson, T. & **R.H. Tykot**. Interpreting Early Intermediate Period Coastal Peruvian Diets Using Portable X-ray Fluorescence Spectrometry and Stable Isotope Analysis. To be resubmitted.

21. Alexander, C., K.P. Freund, **R.H. Tykot**, K.A. Brown & I.M. Muntoni. Assessing pre- and post-treatment similarity: a case study of the impact of firing on trace elements in clays. To be submitted to *Journal of Archaeological Science: Reports*.
 20. Lanehart, R.E., **R.H. Tykot**, A.P. Underhill, W. Fen, L. Fengshi, V. Kumar M.V., D. Keramisanou & I. Gelis. Residue Analysis of Prehistoric Ceramic Vessels at Liangchengzhen, Shandong, China. To be resubmitted to *Journal of Archaeological Science: Reports*.
 19. Vianello, A., **R.H. Tykot** & R. Giglio. New Studies at the Genovese Cave, Sicily, Using a Portable XRF. About to be submitted to *Antiquity*.
 18. Lai, L., O. Fonzo, J.F. Beckett, **R.H. Tykot**, T. O'Connell, E. Goddard & D. Hollander. Economic transitions in Western Mediterranean Copper Age: the contribution of stable isotopes to investigate Bell Beaker diet and livestock management in Sardinia. To be submitted to *Journal of Anthropological Archaeology*.
 17. Lai, L., L. Medda, O. Fonzo, **R.H. Tykot**, E. Goddard, D. Hollander, G. Tanda & M. Monduzzi. Reassessing isotopic reliability through the application of FT-IR measurements: a case-study in Western Mediterranean 3rd millennium BC paleoecology and diagenesis. *Paleogeography, Paleoclimatology, Paleoecology*. Being resubmitted.
 16. Ravn, M., S. Denham, J. Barber & **R.H. Tykot**. Getting to know an 8000 year old Norwegian boy who never grew up. *Norwegian Archaeological Review*. Submitted.
 15. Whittington, S.L., **R.H. Tykot** & D.M. Reed. Submitted. Diet, Demography, and Death at Iximché, Guatemala: Stable Isotope Analyses of Late Postclassic Human Skeletal Remains from the Kaqchikel Maya Capital). *Latin American Antiquity*. To be resubmitted.
 14. Berryman, C.A. & **R.H. Tykot**. Paleodietary Insight into the Rise of Complexity in the Southern Titicaca Basin: The View from Khonkho Wankane. For Khonko Wankane volume, chapter 21.
 13. Hart, J., **R.H. Tykot** & L. Anderson. Kipp Island, New York: Isotope Analysis and Ancient Diet. For *Journal of Archaeological Science*.
 12. Smith, N.F., **R.H. Tykot** & M. Delgado. Prehistoric Dietary and Morphological Variation in the Lurin Valley of Central Peru: New Data from Stable Isotope Analysis. For *Journal of Anthropological Archaeology*.
 11. Setzer, T.J. & **R.H. Tykot**. Obsidian use-wear study for Contraguda.
 10. **Tykot, R.H.** & J.A. Kelly. Two articles on Florida maize. For *Nature, AmAnt, FAS*.
 9. **Tykot, R.H.**, J. Kelly, S. Grammer, J. Belardi, L. Borrero, J. Gomez Otero & R. Guichon. Stable Isotope Analysis and Hunter-Gatherer Diets in Patagonia. For resubmission.
 8. **Tykot, R.H.** Functional Analysis of Finger-Impressed Hearth Ceramics from Punic Sites in Sardinia and Tunisia. *Quaderni della Soprintendenza Archeologica per le Provincie di Cagliari ed Oristano* (Cagliari).
 7. **Tykot, R.H.** Archaeology, Biogeography, and Chronology: the ABC's of the Mesolithic-Neolithic Transition in the Western Mediterranean Islands. For resubmission.
 6. **Tykot, R.H.** Bronze, Sea and Sardinia: Social and Technological Evolution in an Island Society. For resubmission.
 5. **Tykot, R.H.** The Sources of Obsidian on the Small Island of Palmarola, Italy. For *Journal of Archaeological Science*.
 4. **Tykot, R.H.** & B. Vargo. Characterization and Use of Obsidian Sources on Pantelleria, Italy. For *Journal of Archaeological Science*.
 3. **Tykot, R.H.**, E.B. Mansell & N.D.C. Hammond. Maya Diet and Status in the La Milpa Region of Northwestern Belize. For *Ancient Mesoamerica*.
 2. **Tykot, R.H.**, J.E. Robb, R. Macchiarelli, L. Bondioli & L. Salvadei. Prehistoric Subsistence Patterns in the Central Mediterranean: Some Contributions from Stable Isotope Analysis”
 1. **Tykot, R.H.**, J.S. Athens & N.J. van der Merwe. Stable Isotope Analysis and the Importance of Maize Agriculture in Highland Ecuador. For *Latin American Antiquity*.
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CONFERENCES AND SYMPOSIA ORGANIZED (* = published abstract; 5)

30. "Mobility and Culture Change during Transitional Periods in and around the Alpine Region" (A. Maxwell, R. Hughes, **R.H. Tykot** & A. Vianello), 24th Annual Meeting of the European Association of Archaeologists, Barcelona, Spain, September 5-8, 2018.
- *29. "Cutting Edge Approaches to Archaeological Research on Ancient Sicily" (**R.H. Tykot** & D. Tanasi), 119th Annual Meeting of the Archaeological Institute of America, Boston, MA, January 4-7, 2018. Colloquium overview and abstracts published in *Archaeological Institute of America 119th Annual Meeting Abstracts* 41: 125-132.
28. "II Taller de Arqueología e Isótopos Estables en el Sur de Sudamérica" (**R.H. Tykot**, scientific committee), San Rafael, Mendoza, Argentina, November 1-3, 2017.
- *27. "Applications using Hand-Held Portable X-Ray Fluorescence Spectrometers" (organizers **R.H. Tykot** & A. Vianello), 23rd Annual Meeting of the European Association of Archaeologists, Maastricht, Netherlands, August 31 - September 3, 2017. Session and individual abstracts published in *Building Bridges. Abstract Book of the 23rd Annual Meeting of the European Association of Archaeologists 2017*, pp. 21-24. Maastricht: The European Association of Archaeologists and The Municipality of Maastricht, the Province of Limburg and the Cultural Heritage Agency of the Netherlands, 2017. ISBN 9789057992858.
26. "International Obsidian Conference" (organizers **R.H. Tykot** et al.), Lipari, Italy, June 1-3, 2016.
25. "Portable XRF in Italian Archaeology" (organizers A. Vianello & **R.H. Tykot**), 7th Conference of Italian Archaeology, Galway, Ireland, April 16-18, 2016.
24. "Obsidian - Methodological Issues of Obsidian Provenance Studies and a New Perspective of Archaeological Obsidian" (**R.H. Tykot**), 10th International Symposium on Knappable Materials, Barcelona, Spain, September 7-11, 2015.
23. "Scientific Analysis of Archaeological Objects in Museums: Modern Technologies and Limitations of the Collections" (**R.H. Tykot** & A. Vianello), 21st Annual Meeting of the European Association of Archaeologists, Glasgow, Scotland, September 2-5, 2015.
22. "The Gold Anniversary of Obsidian Sourcing: 50 Years of Research Around the World" (organizer **R.H. Tykot**), 79th Annual Meeting of the Society for American Archaeology, Austin, Texas, April 23-27, 2014.
- *21. "AIA Pomerance Award Colloquium: Scientific Analyses of Obsidian and Ceramics. Papers in Honor of Michael D. Glascock" (organizers **R.H. Tykot** & H. Neff), 112th Annual Meeting of the Archaeological Institute of America, San Antonio, Texas, January 6-9, 2011. Colloquium overview and abstracts published in *Archaeological Institute of America 112th Annual Meeting Abstracts* 34: 114-118.
20. "38th International Symposium on Archaeometry" (**R.H. Tykot**, chairman, local organizing committee), Tampa, FL, May 10-14, 2010.
19. "Current Studies on Obsidian Sourcing, Trade, Use, and Dating" (organizer **R.H. Tykot**), 73rd Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 26-30, 2008.
- *18. "Food Fantasies, Fallacies, and Facts: Multidisciplinary Methods on Mediterranean Meals" (organizers **R.H. Tykot** & S. Garvie-Lok), 109th Annual Meeting of the Archaeological Institute of America, Chicago, Illinois, January 3-6, 2008. Colloquium overview and abstracts published in *Archaeological Institute of America 109th Annual Meeting Abstracts* 31: 152-155.
17. "Materials Issues in Art and Archaeology VIII" (organizers P. Vandiver, F. Casadio, B. McCarthy, **R.H. Tykot**, J.L. Ruvalcaba Sul), Materials Research Society fall meeting, Boston, November 26-30, 2007.
16. Local Organizing Committee, 73rd Annual Meeting of the American Association of Physical Anthropologists, Tampa, Florida, April 14-17, 2004.

- *15. "From Source to Finish: Obsidian Characterization, Exchange, Technology, and Use," 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004. Abstract in *International Association for Obsidian Studies Bulletin* 31:5, 2004.
14. "Exploring the Maltese Prehistoric Temple Culture" (with L.C. Eneix), Sliema, Malta, September 25-27, 2003.
13. "Social and Material Aspects of the Italian Neolithic," 6th Conference on Italian Archaeology, Groningen, Netherlands, April 15-17, 2003.
12. "Anthropology & The Environment," University of South Florida, February 26, 1999.
11. "The Origins, Spread, and Significance of Maize Agriculture in the New World," World Archaeological Congress 4, Cape Town, South Africa, January 10-14, 1999.
10. "Classical Art at the Museum of Fine Arts, Boston: Reflections on the Vermeule Years. A Symposium in Honor of Cornelius C. Vermeule III" (with J.J. Herrmann, Jr., M.B. Comstock, P. Russell & R. Reed), Museum of Fine Arts, Boston, April 27, 1996.
9. "Slouching Towards Rome: Social Change in Central Mediterranean Prehistory" (with J. Morter & J.E. Robb), 60th Annual Meeting of the Society for American Archaeology, Minneapolis, May 3-7, 1995.
8. "Sardinian Stratigraphy and Mediterranean Chronology" (with M.S. Balmuth), a three-day international conference held at Tufts University, March 15-17, 1995.
7. "From Paleoenvironments to Political Complexity: Advances in the Chemical Study and Interpretation of Anthropological Remains" (with C.C. Smith), 93rd Annual Meeting of the American Anthropological Association, Atlanta, December 1994.
6. "Science and Archaeology: Towards an Interdisciplinary Approach to Studying the Past" (with G.D. Purcell), a three-day international conference held at Harvard University, October 14-16, 1994.
5. "Problem-Solving in Mediterranean Archaeology" (with G.D. Purcell), 95th Annual Meeting of the Archaeological Institute of America, Washington, DC, December 30, 1993.
4. "Sardinia in the Mediterranean" (with T.K. Andrews), 94th Annual Meeting of the Archaeological Institute of America, New Orleans, December 30, 1992.
3. "Social Dynamics of the Prehistoric Central Mediterranean" (with J. Morter & J.E. Robb), 57th Annual Meeting of the Society for American Archaeology, Pittsburgh, April 9, 1992.
2. "Archaeology at Harvard in the 1990s," Harvard University, April 25, 1990.
1. "Sourcing Archaeological Materials," Harvard University, March 20, 1990.

CONFERENCE PRESENTATIONS (* = published abstract; 145 thru 2021)

612. Whittington, S. & **R.H. Tykot**. 2023. Analysis of Human Skeletal Remains from Late Post-Classic Iximché, Guatemala. 88th Annual Meeting of the Society for American Archaeology, March 29-April 2, Portland, Oregon.
611. **Tykot, R.H.**, M. Douglass, W.A. Goodwin, Z.A. Atlas & M.D. Glascock. 2023. Establishing Ceramic Source Groups in Florida Using a Multi-Method Approach. 88th Annual Meeting of the Society for American Archaeology, March 29-April 2, Portland, Oregon.
610. Tafani, A., C. Snoeck, E. Greco, **R.H. Tykot**, C. Covătaru, T. Ignat & C. Lazăr. 2023. Examining Mobility and Land Use in the Mostiștea River Valley, Romania during the Eneolithic through Strontium Isotopic Analyses of Plants and Human Tooth Enamel. Kiel Conference: Scales of Social, Environmental and Cultural Change in Past Societies. March 13-18, Kiel, Germany.
609. **Tykot, R.H.**, C.J. Eck, A. Maxwell, A. Temkina & A. Vianello. 2023. Dietary Changes in Northern Italy from the Beginnings of Agriculture to the Medieval Period. 124th Annual Meeting of the Archaeological Institute of America, New Orleans, LA, January 5-8.

608. **Tykot, R.H.** 2022. Viaggio in acque libere per l'ossidiana verso la Sicilia e altre isole del Mediterraneo centro-meridionale. LVII Riunione Scientifica dell'IIPP. Periplous: *il mare nella Preistoria mediterranea*. October 19-22, Siracusa, Italy.
607. Tanasi, D., **R.H. Tykot**, S. Hassam, I. Gradante & T. Ricciardi. 2022. Diet and Mobility in Late Roman Christian Community: Isotopic Data from the Catacombs of Santa Lucia, Syracuse (Sicily). XII Congresso Nazionale di Archeologia Cristiana in Italia. Ricerche, Metodi e Prospettive (1993-2022), 20-23 settembre, Roma, Italy.
606. Cox, J.E., J.J. Herrmann, Jr., A. Van den Hoek, **R.H. Tykot** & S. Violante. Column Shafts from Hippo Regius: Quality Selection and Eastern Exportation. XIII ASMOSIA, September 19-24, Vienna, Austria.
605. **Tykot, R.H.**, J.J. Herrmann, Jr. & A. van den Hoek. 2022. A Roman Doric Portico of Naxian Marble at Alexandria Troas. XIII ASMOSIA, September 19-24, Vienna, Austria.
604. van den Hoek, A., Herrmann, J.J. Jr., **R.H. Tykot**. 2022. Marble at Setif (Setifis) and Djemila (Cuicul), Algeria: Identifications with pXRF and Isotopes of Carbon and Oxygen. XIII ASMOSIA, September 19-24, Vienna, Austria.
603. **Tykot, R.H.** & A. Vianello. 2022. Prehistoric Obsidian Trade to Northeastern-Most Italy. XIII ASMOSIA, September 19-24, Vienna, Austria.
602. Herrmann, John J., Jr., D. Attanasio, **R.H. Tykot** & A. Van den Hoek. 2022. Exportation of Prefabricated Statues from Thasos. XIII ASMOSIA, September 19-24, Vienna, Austria.
601. **Tykot, R.H.** 2022. The Advantages (and any Disadvantages) of Non-Destructive Portable X-Ray Fluorescence Spectrometers for Archaeological Obsidian Artifact Sourcing. Obsidian Workshop at the Budapest Neutron Centre, Hungary, September 4, 2022.
600. **Tykot, R.H.** 2022. Obsidian in the Mediterranean from Carpathian Sources. 28th Annual Meeting of the European Association of Archaeologists, Budapest, Hungary, August 31-September 3.
599. **Tykot, R.H.** 2022. Maritime Travel and the Distribution of Obsidian from Pantelleria in the South-Central Mediterranean. Annual Central Mediterranean Prehistory Workshop. Cambridge, England.
598. **Tykot, R.H.** 2022. Inter-Instrumental Calibration and Data Comparison for XRF Analysis of Obsidian and other Archaeological Materials. 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20. Accepted.
597. **Tykot, R.H.** & A. Vianello. 2022. Neolithic Obsidian Trade and Distribution to Northern Italy and Southern France. 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20. 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20. Accepted.
596. **Tykot, R.H.**, N.M. White & M. Lockman. 2022. Production and Distribution of Prehistoric Ceramics along the Apalachicola River in Northwest Florida (USA): Non-Destructive Analyses by pXRF. 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20.
595. **Tykot, R.H.**, N.M. White & R.B. Tullios. 2022. Isotopic Analysis of Skeletal Remains from Richardson's Hammock (8Gu10) in Northwest Florida (USA). 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20.
594. Bergmann, C.L. & **R.H. Tykot**. 2022. The Paleoecological Context of the Lower Chincha Valley, Peru Using Pollen Analysis and pXRF of Soils. 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20.
593. Eck, C.J., **R.H. Tykot**, A. Vianello, A. Sperduti & C. Cavazzuti. 2022. Isotope Analysis of Neolithic and Early Copper Age Human Skeletons from the Central Po River Valley, Northern Italy. 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20.
592. Tafani, A., C. Covătaru, C. Lazăr & **R.H. Tykot**. 2022. Evaluating the Impact of Landscape Changes on GIS Viewshed Analysis of Copper Age Romanian Archaeological Sites. 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20.

591. Tanasi, D., **R.H. Tykot**, S. Hassam & K. Kingsland. 2022. Applying pXRF Analysis on Unprovenanced Museum Glass and Metal Objects for Detecting Modern Reproductions: The Karam Collection of Lebanese Antiquities at the University of South Florida. 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20.
590. Tanasi, D., **R.H. Tykot**, S. Hassam, I. Gradante & T. Ricciardi. 2022. Diet and Mobility in Late Roman Christian Community: Isotopic Data from the Catacombs of Santa Lucia, Syracuse (Sicily). 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20.
589. Vianello, A. & **R.H. Tykot**. 2022. New Data from Obsidian Analyses Reveal Trade Networks in Prehistoric Yellowstone National Park (Northwestern USA). 43rd International Symposium on Archaeometry, Lisbon, Portugal, May 16-20.
588. Vianello, A., R. Jiang, S. Rakesh Adapa, **R.H. Tykot**, K. Dunning, G. O’Corry-Crowe & K. Hendrix. 2022. Revealing Pathogens in Possible Justinianic Plague Victims at Jerash (Jordan) ca. 650 CE. 87th Annual Meeting of the Society for American Archaeology, Chicago, IL, March 30-April 3.
587. **Tykot, R.H.** 2022. A History of Stable Isotope Studies in Italy. 87th Annual Meeting of the Society for American Archaeology, Chicago, IL, March 30-April 3.
586. **Tykot, R.H.** 2022. Obsidian from Pantelleria: Maritime Travel and Distribution in the Central Mediterranean. 123rd Annual Meeting of the Archaeological Institute of America, San Francisco, CA, January 5-8.
585. **Tykot, R.H.** & A. Vianello. 2022. Prehistoric Obsidian Trade in the Tuscan Archipelago and the Northern Tyrrhenian Sea. 123rd Annual Meeting of the Archaeological Institute of America, San Francisco, CA, January 5-8.
584. **Tykot, R.H.** & A. Vianello. 2021. Scambi preistorici di ossidiana e la sua distribuzione nel Nord Italia. LVI Riunione Scientifica dell’IIPP. Le Scienze della Preistoria e Protostoria: Paleoecologia, Archeobiologia, Applicazioni Digitali Archeometria. Università di Ferrara, Dipartimento di Studi Umanistici, Sezione di Scienze preistoriche e antropologiche, 20-23 ottobre 2021.
583. **Tykot, R.H.**, A. Vianello, A. Maxwell, C. Eck & A. Temkina. 2021. Analisi degli isotopi stabili per determinare dieta e mobilità nel Nord Italia. LVI Riunione Scientifica dell’IIPP. Le Scienze della Preistoria e Protostoria: Paleoecologia, Archeobiologia, Applicazioni Digitali Archeometria. Università di Ferrara, Dipartimento di Studi Umanistici, Sezione di Scienze preistoriche e antropologiche, 20-23 ottobre 2021.
582. Delgado, M., A. Triana & **R.H. Tykot**. 2021. Ecología Isotópica en Bosques de Montaña de la Sabana de Bogotá, Colombia: Implicaciones Para la Reconstrucción de las Dietas Humanas Durante el Holoceno. XV Jornadas Nacionales de Antropología Biológica, La Plata, Argentina, October 19-22.
- *581. **Tykot, R.H.** & A. Vianello. 2021. Long-Distance Obsidian Trade to Northern Italy during the Neolithic. 27th Annual Meeting of the European Association of Archaeologists, Kiel, Germany, September 8-11. Abstract published in *27th EAA Annual Meeting (Kiel Virtual, 2021)*, European Association of Archaeologists, 2021, p. 217. ISBN 978-80-907270-8-3
- *580. **Tykot, R.H.** 2021. Key Speaker: Diet and Mobility in Sicily and the Central Mediterranean: Isotopic and Elemental Analyses. 27th Annual Meeting of the European Association of Archaeologists, Kiel, Germany, September 8-11. Abstract published in *27th EAA Annual Meeting (Kiel Virtual, 2021)*, European Association of Archaeologists, 2021, p. 786. ISBN 978-80-907270-8-3
579. **Tykot, R.H.** 2021. Obsidian Distribution to the Fringes of the Central Mediterranean: Multiple Sources in the Far North, East, and South. UK Central Mediterranean Prehistory Seminar, University of Edinburgh, May 19.
578. **Tykot, R.H.** & M. Hughes Markovics. 2021. Annadel and Glass Mountain Obsidian Sources in Sonoma County, California. International Obsidian Conference 2021, UC Berkeley, April 30-May 2.

577. **Tykot, R.H.** 2021. Inter-Instrumental Calibration and Data Comparison for XRF Analysis of Obsidian. International Obsidian Conference 2021, UC Berkeley, April 30-May 2.
576. Vianello, A. & **R.H. Tykot.** 2021. Finding Obsidian Sources in Yellowstone National Park: Further Work. International Obsidian Conference 2021, UC Berkeley, April 3-May 2.
575. Taylor, C.A., **R.H. Tykot** & M. Perry. 2021. Reconstructing the Childhood Diet of an 18th to 19th Century North Carolina Land-Owning Family. 86th Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 14-18. Accepted.
574. Vianello, A. & **R.H. Tykot.** 2021. Mobility Patterns in Early Medieval Northeastern Italy: Results of Strontium and Oxygen Isotope Analyses. 85th Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 14-18.
573. **Tykot, R.H.** & A. Vianello. 2021. Sources and Distribution of Palmarola Obsidian in the Central Mediterranean during the Neolithic. 85th Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 14-18.
572. Peña, J.L. & **R.H. Tykot.** 2021. Understanding Pottery Production at El Campanario (Huarney-Peru) through Ceramic Paste Analysis and pXRF. 85th Annual Meeting of the Society for American Archaeology, San Francisco, CA, April 14-18.
571. Temkina, A., **R.H. Tykot** & A. Vianello. 2021. The Early Medieval Transition: Diet Reconstruction, Mobility, and Culture Contact in the Ravenna Countryside, Northern Italy. Australasian Research Cluster for Archaeological Science (ARCAS), Melbourne, Australia. March 18-19.
570. **Tykot, R.H.** 2021. Stable Isotope and Diet Studies at the Time of the Plague in Italy. "It Spread Without Stop": New Insights on Plagues and Epidemics in the Medieval and Early Modern Eras, Venice, Italy, February 19-21.
569. Vianello, A., T. Di Fraia & **R.H. Tykot.** 2021. New protohistoric art found in Abruzzo, Italy. 122nd Annual Meeting of the Archaeological Institute of America, January 5.
568. Tanasi, D., **R.H. Tykot**, S. Hassam, I. Gradante & T. Ricciardi. 2021. Diet and Mobility in Late Roman Christian Community: Isotopic Data from the Catacombs of Santa Lucia, Syracuse (Sicily). 122nd Annual Meeting of the Archaeological Institute of America, January 5.
567. **Tykot, R.H.** 2021. Obsidian Artifacts and Mediterranean Trade in Prehistoric Croatia. 122nd Annual Meeting of the Archaeological Institute of America, January 5.
- *566. **Tykot, R.H.** 2020. Mediterranean Mesolithic-to-Medieval Meals: An Integration of New and Old Stable Isotope Studies on Diet in Italy. 26th Annual Meeting of the European Association of Archaeologists, Budapest, Hungary, August 26-30. Abstract published in *26th EAA Virtual Annual Meeting*, European Association of Archaeologists, 2020, p. 350. ISBN 978-80-907270-7-6
- *565. **Tykot, R.H.** 2020. Sourcing of Obsidian Artifacts from Prehistoric Sites in Croatia by pXRF. 26th Annual Meeting of the European Association of Archaeologists, Budapest, Hungary, August 26-30. Abstract published in *26th EAA Virtual Annual Meeting*, European Association of Archaeologists, 2020, pp. 376-377. ISBN 978-80-907270-7-6
- *564. Trent, C., K. Zejdlik., Z. Nyaradi, A. Gonciar, J. Berger, **R.H. Tykot** & J.D. Bethard. 2020. Dietary reconstruction of the Székely community of Papdomb. 26th Annual Meeting of the European Association of Archaeologists, Budapest, Hungary, August 26-30. Abstract published in *26th EAA Virtual Annual Meeting*, European Association of Archaeologists, 2020, pp. 326-327. ISBN 978-80-907270-7-6
- *563. Perry, M.A., C. Taylor & **R.H. Tykot.** 2020. Incremental Dental Collagen Isotope Analysis and Reconstructing Childhood Diet at an 18th-19th Century Land-Owning Family in North Carolina. 89th Annual Meeting of the American Association of Physical Anthropologists, Log Angeles, CA, April 15-18. Abstract published in Program of the 89th Annual Meeting of the American Association of Physical Anthropologists, *American Journal of Physical Anthropology* 171:S69, pp. 214-215. <https://doi.org/10.1002/ajpa.24023>.
562. Taylor, C., M.A. Perry & **R.H. Tykot.** 2020. Reconstructing Weaning Practices of an 18th to 19th century North Carolina Land-Owning Family using Stable Isotope Analysis.

- Research and Creative Achievement Week (RCAW) 2020, East Carolina University, Greenville, NC, March 30-April 3.
561. **Tykot, R.H.** 2020. La Cronologia della Sardegna Preistorica: L'importanza dell'uso della Datazione Radiometrica Calibrata (The Chronology of Prehistoric Sardinia: the Important Use of Calibrated Radiocarbon Dating). *La Sardegna e il Mediterraneo: dall'archeologia alla società. Studi e ricerche in memoria di Ercole Contu.* Sassari, Aula Magna dell'Università, 17-18 gennaio.
- *560. Killgrove, K., A.N. Acosta & **R.H. Tykot.** 2020. Skeletons from Oplontis Reveal Dietary Differences in the Bay of Naples (79 C.E.). 121st Annual Meeting of the Archaeological Institute of America, Washington, DC, January 2-5. Abstract published in *Archaeological Institute of America 121st Annual Meeting Abstracts* 43: 135-136.
- *559. Eck, C.J., **R.H. Tykot,** A. Vianello, A. Sperduti & C. Cavazzuti. 2020. A Preliminary Survey of Neolithic and Copper Age Settlement Chronology and Subsistence in the Middle Po River Valley, Northern Italy. 121st Annual Meeting of the Archaeological Institute of America, Washington, DC, January 2-5. Abstract published in *Archaeological Institute of America 121st Annual Meeting Abstracts* 43: 70-71.
- *558. **Tykot, R.H.** & A. Vianello. 2020. Prehistoric Trade of Obsidian from Palmarola in the Central Mediterranean. 121st Annual Meeting of the Archaeological Institute of America, Washington, DC, January 2-5. Abstract published in *Archaeological Institute of America 121st Annual Meeting Abstracts* 43: 13.
- *557. Vianello, A., D. Tanasi, **R.H. Tykot,** K. Kingsland & E. Bonacini. 2020. pXRF Analysis and 3D Scanning of the Prehistoric Paintings in the Genovese Cave, Levanzo, Sicily. 121st Annual Meeting of the Archaeological Institute of America, Washington, DC, January 2-5. Abstract published in *Archaeological Institute of America 121st Annual Meeting Abstracts* 43: 261.
- *556. Vianello, A. & **R.H. Tykot.** 2019. Revealing Mobility Patterns in Early Medieval Northeastern Italy Through Strontium Isotope Analysis: A Preliminary Report. 25th Annual Meeting of the European Association of Archaeologists, Bern, Switzerland, September 4-8. Abstract published in *EAA 2019. 25 years. Beyond Paradigms. Bern, 4-7 September*, p. 411. ISBN: 978-80-907270-6-9
- *555. **Tykot, R.H.** 2019. Twelve Years of pXRF Analyses on Mediterranean Obsidian and Ceramics: Comparing Source Identification and Foreign Trade Interpretation between these Materials. 25th Annual Meeting of the European Association of Archaeologists, Bern, Switzerland, September 4-8. Abstract published in *EAA 2019. 25 years. Beyond Paradigms. Bern, 4-7 September*, p. 310. ISBN: 978-80-907270-6-9
- *554. **Tykot, R.H.** & A. Vianello. 2019. Prehistoric Obsidian Use on the Northern Tyrrhenian Islands, Italy. 25th Annual Meeting of the European Association of Archaeologists, Bern, Switzerland, September 4-8. Abstract published in *EAA 2019. 25 years. Beyond Paradigms. Bern, 4-7 September*, p. 28. ISBN: 978-80-907270-6-9
553. **Tykot, R.H.** 2019. Lo scambio e distribuzione dell'ossidiana da Monte Arci oltre la Sardegna. Indagare il passato: Giornate di studi di Preistoria e Protostoria in onore di Enrico Atzeni, Cagliari, Italy, 21-22 giugno.
552. **Tykot, R.H.** 2019. Obsidian Sources on Lipari and Pantelleria and their Use in Central Mediterranean Prehistory. L'oro nero che veniva dal mare: Workshop sulle sorgenti di Ossidiana nel Mediterraneo centrale, Palermo, Italy, 10-12 giugno.
- *551. **Tykot, R.H.** & A. Vianello. 2019. Changes in Obsidian Island Source Usage in Northern Italy during the Neolithic: Selection or Availability? International Obsidian Conference, Sárospatak, Hungary, May 27-30. Abstract published in *International Obsidian Conference Program, Abstracts, Field Guide*, edited by A. Markó, K. Szilágyi & K.T. Biró, p. 69. Hungarian National Museum, Budapest. ISBN 978-615-5978-08-1.
- *550. Vianello, A. & **R.H. Tykot.** 2019. Obsidian production and consumption in Yellowstone National Park, USA. International Obsidian Conference, Sárospatak, Hungary, May 27-30. Abstract published in *International Obsidian Conference Program, Abstracts, Field Guide*,

- edited by A. Markó, K. Szilágyi & K.T. Biró, p. 70. Hungarian National Museum, Budapest. ISBN 978-615-5978-08-1.
549. **Tykot, R.H.** 2019. Seafood Consumption in Central and Southern Florida: Isotopic and Elemental Analyses. Florida Anthropological Society 71st Annual Meeting & Conference, Crystal River, Florida, May 10-12.
548. Bowers, R.D. & **R.H. Tykot.** 2019. Development of a Geochemical Method to Source Florida Chert and Preliminary Results of Testing. Florida Anthropological Society 71st Annual Meeting & Conference, Crystal River, Florida, May 10-12.
547. Lanehart, R.E., **R.H. Tykot,** A.P. Underhill, W. Fen & E. Rivera. 2019. Analysis of Pig Residue in a *Ding* Sherd from Liangchengzhen, Shandong, China using solution 1D ^1H , 2D ^1H - ^1H TOCSY, DOSY, ^{13}C , and ^{31}P Nuclear Magnetic Resonance (NMR) Spectroscopy. 22nd GMPCA Colloquium: Conference on Archaeological Sciences, Montreal, Canada, May 9-12.
546. **Tykot, R.H.** 2019. The Importance of Identifying Specific Obsidian Subsources on Sardinia to Interpreting Long-Distance Trade in the Neolithic Central Mediterranean. 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM, April 10-14.
545. **Tykot, R.H.** 2019. Discussant for “Miscommunication and the Fantastic in Archaeology”. 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM, April 10-14.
544. **Tykot, R.H.** 2019. Discussant for “Advances in Obsidian Studies of the Old and New Worlds”. 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM, April 10-14.
543. Maxwell, A., K. Killgrove & **R.H. Tykot.** 2019. The Langobards in Italy? A Look at Migration in Vicenza using Oxygen Stable Isotope Analysis. 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM, April 10-14.
542. Vianello, A. & **R.H. Tykot.** 2019. The Late Introduction of Metals in Southern Italy: Studies from Sicily and Calabria. 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM, April 10-14.
- *541. Waterman, A.J., **R.H. Tykot** & D.W. Peate. 2019. Finding Biological Markers of Mobility in Late Prehistoric Portugal and Spain: A Stable and Radiogenic Isotope Approach. 88th Annual Meeting of the American Association of Physical Anthropologists, March 27-30. Abstract published in *American Journal of Physical Anthropology* 168(S68): 264.
- *540. **Tykot, R.H.** & A. Vianello. 2019. New Sourcing Analyses and Studies of Obsidian Trade in Northern Italy during the Neolithic. 120th Annual Meeting of the Archaeological Institute of America, San Diego, CA, January 3-6. Abstract published in *Archaeological Institute of America 120th Annual Meeting Abstracts* 42: 187-188.
- *539. Vianello, A. & **R.H. Tykot.** 2019. Copper and Bronze Age Metals in Sicily and Calabria: pXRF Investigation of Early Alloys in an Area of Late Adoption of Metallurgy. 120th Annual Meeting of the Archaeological Institute of America, San Diego, CA, January 3-6. Abstract published in *Archaeological Institute of America 120th Annual Meeting Abstracts* 42: 188.
538. Perry, M. M.E. Provan & **R.H. Tykot.** 2018. Stable Isotope Analysis of Childhood Diet at 1st Century B.C./A.D. Petra, Jordan. ASOR Annual Meeting, Denver, Colorado, November 14-17.
537. **Tykot, R.H.** 2018. Elemental and Isotopic Studies of Human Dietary Practices in Latin America. Latin American Association of Biological Anthropology, XV Congress, Mayaguez, Puerto-Rico, 1-4 November.
536. Delgado, M. & **R.H. Tykot.** 2018. Subsistence and dietary diversity during the Muisca period in the eastern highlands of Colombia: new insights from carbon and nitrogen stable isotopes. Latin American Association of Biological Anthropology, XV Congress, Mayaguez, Puerto-Rico, 1-4 November.

535. **Tykot, R.H.** 2018. Current Issues on Bone Chemistry and Ancient Diet: Examples from Italy and Florida. First International Interdisciplinary Workshop on Archaeological Science and Ancient Food, Tampa, FL, October 26.
534. van den Hoek, A., J.J. Herrmann & **R.H. Tykot**. 2018. Marble from Mt. Filfila in Rusicade (Skikda, Algeria). ASMOSIA XII - Association for the Study of Marble & Other Stones in Antiquity XII. International Conference, Izmir, Turkey, 8-14 October.
533. van den Hoek, A., J.J. Herrmann, W. Prochaska & **R.H. Tykot**. 2018. Breccia Gialla in Cherchel, Algeria. ASMOSIA XII - Association for the Study of Marble & Other Stones in Antiquity XII. International Conference, Izmir, Turkey, 8-14 October.
532. **Tykot, R.H.**, J.J. Herrmann & A. van den Hoek. 2018. Portable X-ray Fluorescence Testing in the Vatican and Early and Late Manifestations of Sculpture in Thasian Marble at Rome. ASMOSIA XII - Association for the Study of Marble & Other Stones in Antiquity XII. International Conference, Izmir, Turkey, 8-14 October.
531. Herrmann, J.J., J. Cox, **R.H. Tykot** & A. van den Hoek. 2018. Exportation of Gray-white Column Shafts from Algeria: Recent Additions. ASMOSIA XII - Association for the Study of Marble & Other Stones in Antiquity XII. International Conference, Izmir, Turkey, 8-14 October.
- *530. **Tykot, R.H.**, K.P. Freund & A. Vianello. 2018. Obsidian Distribution in the Western Mediterranean and the Spread of the Neolithic Package: A Chronological and Geographical Comparison. 24th Annual Meeting of the European Association of Archaeologists, Barcelona, Spain, September 5-8. Abstract published in *24th EAA Annual Meeting: Reflecting Futures (Barcelona, 2018) - Abstract Book 2*: 1116. ISBN 978-84-9168-142-7.
- *529. **Tykot, R.H.**, A. Vianello & K.P. Freund. 2018. The Use and Distribution of Lipari Obsidian in Prehistoric Sicily and the Central Mediterranean. 24th Annual Meeting of the European Association of Archaeologists, Barcelona, Spain, September 5-8. Abstract published in *24th EAA Annual Meeting: Reflecting Futures (Barcelona, 2018) - Abstract Book 2*: 873. ISBN 978-84-9168-142-7.
- *528. Vianello, A., **R.H. Tykot**, T. Di Fraia & G. Palmerini. 2018. Cave and Rock Art in Pre- and Proto-Historic Abruzzo, Central Italy. A Study on Use and Pigments. 24th Annual Meeting of the European Association of Archaeologists, Barcelona, Spain, September 5-8. Abstract published in *24th EAA Annual Meeting: Reflecting Futures (Barcelona, 2018) - Abstract Book 2*: 813. ISBN 978-84-9168-142-7.
- *527. Vianello, A. & **R.H. Tykot**. 2018. Mobility in Early Medieval Northeastern Italy: a View from Strontium and Oxygen Isotope Analyses. 24th Annual Meeting of the European Association of Archaeologists, Barcelona, Spain, September 5-8. Abstract published in *24th EAA Annual Meeting: Reflecting Futures (Barcelona, 2018) - Abstract Book 1*: 175. ISBN 978-84-9168-142-7.
- *526. Maxwell, A.B., **R.H. Tykot** & A. Vianello. 2018. An investigation of sociopolitical and economic changes in Early Medieval Veneto after the arrival of the Langobards. 24th Annual Meeting of the European Association of Archaeologists, Barcelona, Spain, September 5-8. Abstract published in *24th EAA Annual Meeting: Reflecting Futures (Barcelona, 2018) - Abstract Book 1*: 175-176. ISBN 978-84-9168-137-3.
525. Peña, J.L. & **R.H. Tykot**. 2018. Applications of Ceramic Characterization and Compositional Analysis in the Study of Household Pottery Production. Frontiers in Archaeological Sciences 2, Simon Fraser University, Burnaby, BC, Canada, 27-29 August.
524. Ashkanani, H., **R.H. Tykot** & S. Al-Duwaish. 2018. A Characterization Study of Late Neolithic Ceramics from As-Sabbiya, Kuwait, Using Non-Destructive pXRF. Seminar for Arabian Studies 2018, British Museum, London, August 3-5.
523. **Tykot, R.H.** 2018. Non-Destructive Elemental Analysis of 20,000 Stone, Metal, Ceramic and Other Artifacts by pXRF: Issues on Surface Analyses, Sample Heterogeneity, Detection Limits, and Calibration. International Union of the Prehistoric and Protohistoric Sciences. Exploring the World's Prehistory. XVIIIe World UISPP Congress, Paris, France, 4-9 June.

522. **Tykot, R.H.** & C.L. Bergmann. 2018. Elemental Analysis using pXRF to Assess Human Diet and Mobility. International Union of the Prehistoric and Protohistoric Sciences. Exploring the World's Prehistory. XVIIIe World UISPP Congress, Paris, France, 4-9 June.
521. **Tykot, R.H.** & A. Vianello. 2018. Comparing the Lithic Technology and Distribution of Obsidian from the Italian Sources of Sardinia and Lipari during the Neolithic. International Union of the Prehistoric and Protohistoric Sciences. Exploring the World's Prehistory. XVIIIe World UISPP Congress, Paris, France, 4-9 June.
520. Caso, G., D. Gulli & **R.H. Tykot**. 2018. Indigenous and foreigner practices: a technological study of ceramic artifacts from a Late Bronze Age site in central Sicily. International Union of the Prehistoric and Protohistoric Sciences. Exploring the World's Prehistory. XVIIIe World UISPP Congress, Paris, France, 4-9 June.
519. Brown, K. & **R.H. Tykot**. 2018. Obsidian in The Tavoliere: A Regional Study. Central Mediterranean Prehistory - Current Research. Day Seminar, McDonald Institute for Archaeology, University of Cambridge, May 23.
518. Waterman, A.J., L. Wright, P. Díaz-del-Río, D.W. Peate & **R.H. Tykot**. 2018. Mapping Human Mobility in Late Prehistoric Portugal and Spain using Strontium and Oxygen Isotopes. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
517. **R.H. Tykot**, G. Ellis & D. Castex. 2018. Fish consumption in Imperial Rome: Bulk and compound-specific stable isotopic evidences ($\delta^{13}C$, $\delta^{15}N$, $\delta^{34}S$) from the Saints Peter and Marcellinus catacombs. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
516. Bowers, R.D. & **R.H. Tykot**. 2018. Development of a Quantitative, Geochemistry Based Method to Source Chert Artifacts from Central Florida. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
515. **Tykot, R.H.** & S. Garcia. 2018. An Acquired Ancient Aegean Area Archaeological Artifact Assemblage and Appropriate Atomic Analysis Applied by pXRF. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
514. **Tykot, R.H.**, N.M. White & M. Lockman. 2018. Non-Destructive pXRF Analyses on Prehistoric Ceramics in Florida (USA). 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
513. Bergmann, C. & **R.H. Tykot**. 2018. Assessing Food-Based Exchange and Mobility in the Chincha Valley (Peru) Using Portable X-Ray Fluorescence Spectrometry and a Newly Developed Calibration. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
512. Ashkanani, H. & **R.H. Tykot**. 2018. A Characterization Study of Late Neolithic Ceramics from As-Sabbiya, Kuwait, Using Non-Destructive pXRF. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
511. Lanehart, R.E., **R.H. Tykot**, A.P. Underhill, W. Fen, F. Luan, V. Kumar M.V., D. Keramisanou & I. Gelis. 2018. Identifying Pig Residue in a Ding Pottery Sherd: A Gas Chromatography-Mass Spectrometry, Gas Chromatography-Isotope Ratio Mass Spectrometry, Nuclear Magnetic Resonance, and LC-MS Metabolomics Analysis. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
510. Vianello, A., A.B. Maxwell & **R.H. Tykot**. 2018. Changes in use of the environment and farming landscape as inferred from stable isotopes studies on diet and mobility in early Medieval Italy. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
509. **Tykot, R.H.** & A. Vianello. 2018. The Importance of Analyzing Obsidian Artifacts from Small Islands around Sicily to Study Prehistoric Maritime Routes and Frequency. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
508. Vianello, A., **R.H. Tykot** & T. Di Fraia. 2018. Chemical Characterization of Pigments in Pre- and Proto-Historic Rock Art of Abruzzo, Central Italy, Using a Portable XRF. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.

507. Vianello, A. & **R.H. Tykot**. 2018. Early Metallurgy in Sant'Angelo Muxaro, Central Sicily: Investigations with a Portable XRF. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
506. Pirone, F.S. & **R.H. Tykot**. 2018. Non-destructive Trace Elemental Characterization by Portable X-Ray Fluorescence of Maltese Ceramics from the Late Neolithic to Middle Bronze Age. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
505. **Tykot, R.H.** & A. Vianello. 2018. Long-Distance Prehistoric Obsidian Trade in Central and Southern Italy: Non-Destructive Elemental Analysis of 4000 Artifacts. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
504. **Tykot, R.H.**, A. Vianello & K.P. Freund. 2018. Non-Destructive Provenance Analysis on Obsidian from Prehistoric Sites throughout Sicily (Italy). 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
503. Tanasi, D., **R.H. Tykot**, S. Hassam & A. Vianello. 2018. The Emergence of Metallurgy in the Maltese Archipelago: an archaeometric perspective. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
502. Peña, J.L. & **R.H. Tykot**. 2018. Understanding Household Ceramic Production through Ceramic Characterization and Portable XRF. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
501. **Tykot, R.H.**, D. Tanasi & G. Caso. 2018. Chemical Characterization via pXRF of Sicilian Middle Bronze Age Ceramics. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
500. Maxwell, A.B. & **R.H. Tykot**. 2018. The Application of Stable Isotope Analyses during a Transitional Period in Italian History. 42nd International Symposium on Archaeometry, Merida, Mexico, May 20-26.
499. **Tykot, R.H.**, N.M. White & M. Lockman. 2018. Non-Destructive Analysis of Prehistoric Ceramics in Florida using pXRF. Florida Anthropological Society 70th Annual Meeting & Conference, St. Petersburg, Florida, May 11-13.
498. Bowers, R.D. & **R.H. Tykot**. 2018. A Pilot Study on Modern Geochemical Methods for Sourcing Florida Chert. Florida Anthropological Society 70th Annual Meeting & Conference, St. Petersburg, Florida, May 11-13.
497. Taylor, S. & **R.H. Tykot**. 2018. The Dietary Importance of Maize and Aquatic Resources during the Regional Development Period at El Dornajo, Southwest Ecuador. 83rd Annual Meeting of the Society for American Archaeology, Washington, DC, April 11-15.
496. Bergmann, C. & **R.H. Tykot**. 2018. Assessing Food-Based Trade and Mobility in the Chincha Valley (Peru) Using Portable X-Ray Fluorescence Spectrometry. 83rd Annual Meeting of the Society for American Archaeology, Washington, DC, April 11-15.
495. Tafani, A., A. Vianello, **R.H. Tykot** & E. Gualdi. 2018. Reconstructing Individual Life Histories in Early Medieval Italy through Serial Analysis and Compositional Analysis of Bones and Teeth. 83rd Annual Meeting of the Society for American Archaeology, Washington, DC, April 11-15.
494. **Tykot, R.H.** & A. Vianello. 2018. Prehistoric Obsidian Use in Southern Italy: Primary Acquisition and Down-the-line Exchange in Calabria, Basilicata, and Campania. 83rd Annual Meeting of the Society for American Archaeology, Washington, DC, April 11-15.
493. **Tykot, R.H.** 2018. Discussant for Advances and Prospects in the Archaeological Sciences on the 40th Anniversary of the Society for Archaeological Sciences (I) (chair R. Sternberg). 83rd Annual Meeting of the Society for American Archaeology, Washington, DC, April 11-15.
492. **Tykot, R.H.** 2018. Discussant for session Mentoring Undergraduate Research in Archaeology: The Good, The Bad, and The Ugly (chair L.G. Cecil). 83rd Annual Meeting of the Society for American Archaeology, Washington, DC, April 11-15.
491. Vianello, A. & **R.H. Tykot**. 2018. Mobility in North-Eastern Italy between the Late Roman and Byzantine Periods. 83rd Annual Meeting of the Society for American Archaeology, Washington, DC, April 11-15.

490. Maxwell, A.B. & **R.H. Tykot**. 2018. Stable Isotope Analysis of the Diet of Romans and Langobards in the Veneto from Late Antiquity to the Medieval Period. 83rd Annual Meeting of the Society for American Archaeology, Washington, DC, April 11-15.
- *489. Waterman, A.J., M. Díaz-Zorita Bonilla & **R.H. Tykot**. 2018. Stable Isotope Analyses of Skeletal Remains from the Copper Age burials at Valencina-Castilleja (Seville): Dietary Patterns and Regional Comparisons. 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX, April 11-14. Abstract published in *American Journal of Physical Anthropology* 165(S66): 296.
- *488. Voas, M.R., K. Killgrove, J.D. Bethard, **R.H. Tykot**, A. Gonciar, Z. Nyaradi. 2018. Milk and Honey: Isotopic Reconstruction of Infant Weaning in Medieval Transylvania. 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX, April 11-14. Abstract published in *American Journal of Physical Anthropology* 165(S66): 289-290.
- *487. Provan, M., M. Perry & **R.H. Tykot**. Stable Isotope Analysis of Childhood Diet at 1st Century A.D. Petra, Jordan. 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX, April 11-14. Abstract published in *American Journal of Physical Anthropology* 165(S66): 214.
- *486. Noche-Dowdy, L., R.H. Tykot, G.D.Kamenov & E.H.Kimmerle. 2018. Multi-Isotope Analysis to Reconstruct Dietary and Migration Patterns of an Avar Population from Sajópetri, Hungary, AD 568-895. 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX, April 11-14. Abstract published in *American Journal of Physical Anthropology* 165(S66): 189-190.
485. Maxwell, A.B. & **R.H. Tykot**. 2018. Stable Isotope Analysis of the Diet of Romans and Langobards in the Veneto from Late Antiquity to the Medieval Period. 10th Annual Graduate Student Research Symposium, University of South Florida, Tampa, March 21. Award winner of the 10th Annual Graduate Student Research Symposium.
- * 484. Wright, L., A.J. Waterman, M. Kunst, J.L. Cardoso, **R.H. Tykot** & D.W. Peate. 2018. Identifying Animal Mobility in Chalcolithic Portugal: Isotopic Analyses of Cattle from the Sites of Zambujal and Leceia. 119th Annual Meeting of the Archaeological Institute of America, Boston, MA, January 4-7. Abstract published in *Archaeological Institute of America 119th Annual Meeting Abstracts* 41: 80.
- * 483. Maxwell, A.B. & **R.H. Tykot**. 2018. The Diet of Romans and Langobards in the Veneto from Late Antiquity to the Early Medieval Period. 119th Annual Meeting of the Archaeological Institute of America, Boston, MA, January 4-7. Abstract published in *Archaeological Institute of America 119th Annual Meeting Abstracts* 41: 58.
- * 482. **Tykot, R.H.** & A. Vianello. 2018. Reassessing the Acquisition and Distribution of Obsidian in Prehistoric Sicily. 119th Annual Meeting of the Archaeological Institute of America, Boston, MA, January 4-7. Abstract published in *Archaeological Institute of America 119th Annual Meeting Abstracts* 41: 126-127.
- * 481. Freund, K.P., **R.H. Tykot** & A. Vianello. 2018. Sicilian Obsidian Reduction as Performance: Changing Value Regimes at the Neolithic-Chalcolithic Transition. 119th Annual Meeting of the Archaeological Institute of America, Boston, MA, January 4-7. Abstract published in *Archaeological Institute of America 119th Annual Meeting Abstracts* 41: 127.
- * 480. Vianello, A. & **R.H. Tykot**. 2018. Identification of Chronological Phases through Technological Change in Sicily: the Case of Prehistoric Ceramics from Milena. 119th Annual Meeting of the Archaeological Institute of America, Boston, MA, January 4-7. Abstract published in *Archaeological Institute of America 119th Annual Meeting Abstracts* 41: 128.
- * 479. **Tykot, R.H.** 2017. Obsidian Studies in the Central Mediterranean: A Provenancing Success Story. 11th International Symposium on Knappable Materials "From Toolstone to Stone Tools," Buenos Aires and Necochea, Argentina, November 7-12. Abstract published in *11th Symposium on Knappable Materials: "From Toolstone to Stone Tools"*, J. Alberti et al.

- (eds.), p. 82. Ciudad Autónoma de Buenos Aires: IMHICIHU - Instituto Multidisciplinario de Historia y Ciencias Humanas, 2017. ISBN 978-987-46360-4-1.
478. Muntoni, I.M., G. Eramo, C. Alexander, M. Caldara, V. De Santis & **R.H. Tykot**. 2017. Clay sources in the Tavoliere Plain: Neolithic trends of exploitation. EMAC2017: European Meeting on Ancient Ceramics, 6-9 September, Bordeaux (France).
- * 477. **Tykot, R.H.** & A. Vianello. 2017. Prehistoric Obsidian Exchange in Campania (Southern Italy): Non-Destructive Sourcing Analysis by pXRF Spectrometry. 23rd Annual Meeting of the European Association of Archaeologists, Maastricht, Netherlands, August 29-September 3. Abstract published in *Building Bridges. Abstract Book of the 23rd Annual Meeting of the European Association of Archaeologists 2017*, p. 22. Maastricht: The European Association of Archaeologists and The Municipality of Maastricht, the Province of Limburg and the Cultural Heritage Agency of the Netherlands, 2017. ISBN 9789057992858.
- * 476. Tanasi, D., **R.H. Tykot** & G. Caso. 2017. Statistical Analysis of Chemical Components among Pottery Samples from a Middle Bronze Age Site in Caltagirone (Sicily, Italy). 23rd Annual Meeting of the European Association of Archaeologists, Maastricht, Netherlands, August 29-September 3. Abstract published in *Building Bridges. Abstract Book of the 23rd Annual Meeting of the European Association of Archaeologists 2017*, p. 516. Maastricht: The European Association of Archaeologists and The Municipality of Maastricht, the Province of Limburg and the Cultural Heritage Agency of the Netherlands, 2017. ISBN 9789057992858.
- * 475. Wright, L., A.J. Waterman, M. Kunst, J.L. Cardoso, **R.H. Tykot** & D.W. Peate. 2017. New Insights into Animal Mobility in Chalcolithic Portugal: Results of Strontium Isotope Analysis on Cattle from the Zambujal and Leceia. 23rd Annual Meeting of the European Association of Archaeologists, Maastricht, Netherlands, August 29-September 3. Abstract published in *Building Bridges. Abstract Book of the 23rd Annual Meeting of the European Association of Archaeologists 2017*, p. 28. Maastricht: The European Association of Archaeologists and The Municipality of Maastricht, the Province of Limburg and the Cultural Heritage Agency of the Netherlands, 2017. ISBN 9789057992858.
- * 474. Tafani, A., K. Von Peche-Quilichini & **R.H. Tykot**. 2017. Sourcing the Provenance of Corsican Final Bronze Age Ceramics Through PXRF Analysis of Clay Building Material. 23rd Annual Meeting of the European Association of Archaeologists, Maastricht, Netherlands, August 29-September 3. Abstract published in *Building Bridges. Abstract Book of the 23rd Annual Meeting of the European Association of Archaeologists 2017*, pp. 23-24. Maastricht: The European Association of Archaeologists and The Municipality of Maastricht, the Province of Limburg and the Cultural Heritage Agency of the Netherlands, 2017. ISBN 9789057992858.
- * 473. Gennaro, A., I. Gradante, S. Hassam, M. Sgarlata, D. Tanasi, **R.H. Tykot** & A. Vianello. 2017. Chemical characterization via pXRF of Late Roman pottery from Sicily: new data from the excavations at the Catacombs of St. Lucy at Siracusa (2011-2015). Sixth International Conference on Late Roman Coarse Wares, Cooking Wares and Amphorae in the Mediterranean: Archaeology and Archaeometry. Agrigento, Italy, May 24-28. Abstract published in *LCRW6: 6th International Conference on Late Roman Coarse Ware, Cooking Ware and Amphorae in the Mediterranean: Archaeology and Archaeometry, Land and Sea: Pottery Routes: Agrigento, 24-28 Maggio 2017: Book of Abstracts*, a cura di V. Caminnci, M.C. Parello, M.S. Rizzo, pp. 16-17. Palermo: Regione Siciliana, Assessorato Beni Culturali e Identità Siciliana, Dipartimento Beni Culturali e Identità Siciliana, 2017. ISBN 978-88-6164-456-4.
- * 472. Marsh, H. E., A. J. Waterman & **R.H. Tykot**. 2017. Using stable isotopes to assess dietary variation in Late Middle Woodland settlements in the Central United States: Evidence from human burials at Monkey Mountain (23JO14) Warrensburg, Missouri. Poster presented at the 86nd Annual Meeting of the American Association of Physical Anthropologists, New Orleans, LA, April 19-23. Abstract published in the *American Journal of Physical Anthropology* 162(S64): 276

471. Lanehart, R.E., A.P. Underhill, **R.H. Tykot**, W. Fen & F. Luan. 2017. Liangchengzhen Consumption Patterns: Moving from Integrative to Competitive. 82nd Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 29-April 2.
470. **Tykot, R.H.**, K.P. Freund & A. Vianello. 2017. The Social Dynamics of Obsidian Use in the Prehistoric Western Mediterranean: Temporal Changes in Maritime Capabilities, Lithic Technology, and Sociopolitical Complexity. 82nd Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 29-April 2.
469. Tafani, A. & **R.H. Tykot**. 2017. Typological and Archaeometrical (pXRF) Study of Final Bronze Age Ceramics from Cuccuruzzu, Corsica. 82nd Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 29-April 2.
468. Maxwell, A.B., **R.H. Tykot** & A. Vianello. 2017. The Langobards in Italy: A Bioarchaeological Analysis of the 7th century AD Necropolis of Sovizzo in Vicenza, Italy. 82nd Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 29-April 2.
467. **Tykot, R.H.** 2017. Analysis of Thousands of Prehistoric Mediterranean Obsidian Artifacts Using a Nondestructive Portable X-Ray Fluorescence. American Physical Society March Meeting, New Orleans, LA, March 13-17. Invited speaker.
- * 466. Bowers, R.D. & **R.H. Tykot**. 2017. Development of a quantitative method for identifying the provenance of Florida chert and determination of archaeological cultural patterns. 81st Annual Meeting of the Florida Academy of Sciences, Lakeland, March 10. Abstract published in *Florida Scientist* 80(1): 10-11.
- * 465. Caso, G., D. Tanasi & **R.H. Tykot**. 2017. Beyond Typology: Archaeometric Characterization of Sicilian Middle Bronze Age Ceramics. 118th Annual Meeting of the Archaeological Institute of America, Toronto, Canada, January 5-8. Abstract published in *Archaeological Institute of America 118th Annual Meeting Abstracts* 40: 55.
- * 464. **Tykot, R.H.** & F. Foresta Martin. 2017. Prehistoric Obsidian Trade to Ustica (Sicily): Analyses of the Abundant Artifacts from Multiple Neolithic, Chalcolithic and Bronze Age Sites. 118th Annual Meeting of the Archaeological Institute of America, Toronto, Canada, January 5-8. Abstract published in *Archaeological Institute of America 118th Annual Meeting Abstracts* 40: 54.
- * 463. Freund, K.P., C. Cavazzuti, A. Serges & **R.H. Tykot**. 2017. New Data on Copper Age Metallurgy in Northern Italy. 118th Annual Meeting of the Archaeological Institute of America, Toronto, Canada, January 5-8. Abstract published in *Archaeological Institute of America 118th Annual Meeting Abstracts* 40: 81-82.
- * 462. Tanasi, D., **R.H. Tykot**, S. Hassam & A. Vianello. 2017. Life and death of Greeks of Sicily: new archaeological and archaeometric data from the necropolis of Viale Scala Greca (Siracusa). 118th Annual Meeting of the Archaeological Institute of America, Toronto, Canada, January 5-8. Abstract published in *Archaeological Institute of America 118th Annual Meeting Abstracts* 40: 57-58.
- * 461. **Tykot, R.H.**, A. Vianello & K.P. Freund. 2017. Prehistoric Obsidian Use in Calabria, Italy: Identification of Multiple Sources and Subsources Using pXRF Analysis. 118th Annual Meeting of the Archaeological Institute of America, Toronto, Canada, January 5-8. Abstract published in *Archaeological Institute of America 118th Annual Meeting Abstracts* 40: 133-134.
460. **Tykot, R.H.** 2016. A Decade of Portable (Hand-Held) X-Ray Fluorescence Spectrometer Analysis of Obsidian in the Mediterranean: Many Advantages and Few Limitations. 2016 Materials Research Society Fall Meeting, Nov. 27-Dec. 2, Boston, MA.
459. Tafani, A., K. Peche-Quilichini, **R.H. Tykot** & J. Césari. 2016. Caractérisation géochimique du matériel céramique de quatre sites corses du Bronze Final au moyen d'un spectromètre portable de fluorescence à rayons X (pXRF). XII^e Rencontres Méridionales de Préhistoire Récente, Bayonne, France, September 27-October 1.

458. **Tykot, R.H.** 2016. Obsidian Use on Islands Big and Small: Sicily and Others in the Central Mediterranean. 22nd Annual Meeting of the European Association of Archaeologists, Vilnius, Lithuania, August 31-September 4.
457. **Tykot, R.H.**, C. Alexander, K.A. Brown, K.P. Freund, M. Hofer, T. Mattioli, A. Di Miceli & I.M. Muntoni. 2016. Identifying and Evaluating Neolithic Sites in the Tavoliere (Italy) Using Aerial- and Ground-Based Remote Sensing. 22nd Annual Meeting of the European Association of Archaeologists, Vilnius, Lithuania, August 31-September 4.
456. **Tykot, R.H.** 2016. Non-Destructive Trace Element Analysis of Human Bones to Examine Diet and Mobility. 22nd Annual Meeting of the European Association of Archaeologists, Vilnius, Lithuania, August 31-September 4.
455. Raudino, A., **R.H. Tykot** & A. Vianello. 2016. The visibility of the invisibles: new evidence through technological studies and material analyses. 22nd Annual Meeting of the European Association of Archaeologists, Vilnius, Lithuania, August 31-September 4.
454. **Tykot, R.H.** 2016. Lipari Obsidian Sources and Distribution in the Prehistoric Central Mediterranean. International Obsidian Conference, Lipari, Italy, June 1-3.
453. Martinelli, M.C., M.R. Iovino, **R.H. Tykot** & A. Vianello. 2016. Aeolian Islands. Lipari obsidian in the Late Neolithic. Artifacts, supply and function. International Obsidian Conference, Lipari, Italy, June 1-3.
452. Morgan, J.A., **R.H. Tykot** & T. Carter. 2016. Obsidian Source Selection in the Early Bronze Age Cyclades. International Obsidian Conference, Lipari, Italy, June 1-3.
451. Acquafredda, P., I.M. Muntoni, & **R.H. Tykot**. 2016. New data on Antiparos obsidians (Greece) for provenance study by SEM and XRF. International Obsidian Conference, Lipari, Italy, June 1-3.
- * 450. **Tykot, R.H.**, S. Forenbaher, D. Kliškić, Z. Perhoč, E. Podrug & D. Radić. 2016. Obsidian Access Along the Adriatic: Sourcing Studies and Maritime Trade in Croatia. 41st International Symposium on Archaeometry, Kalamata, Greece, May 15-20. Abstract published in *41st International Symposium on Archaeometry Book of Abstracts* (N. Zacharias & E. Palamara, eds.), Kalamata, Greece, p. 58, 2016. ISBN 978-618-80277-2-5.
- * 449. Morgan, J.A., T. Carter & **R.H. Tykot**. 2016. Obsidian Source Selection in the Early Bronze Age Cyclades. 41st International Symposium on Archaeometry, Kalamata, Greece, May 15-20. Abstract published in *41st International Symposium on Archaeometry Book of Abstracts* (N. Zacharias & E. Palamara, eds.), Kalamata, Greece, pp. 205-206, 2016. ISBN 978-618-80277-2-5.
- * 448. Freund, K.P., L. Usai & **R.H. Tykot**. 2016. Early Copper-Based Metallurgy at the Site of Monte d'Accoddi (Sardinia, Italy). 41st International Symposium on Archaeometry, Kalamata, Greece, May 15-20. Abstract published in *41st International Symposium on Archaeometry Book of Abstracts* (N. Zacharias & E. Palamara, eds.), Kalamata, Greece, pp. 258-259, 2016. ISBN 978-618-80277-2-5.
- * 447. Hassam, S., R. Lanteri, D. Tanasi, **R.H. Tykot** & A. Vianello. 2016. Using Stable Isotope and Elemental Analysis for the Study of Dietary Habits of a Greek Community in Archaic Siracusa (Sicily). 41st International Symposium on Archaeometry, Kalamata, Greece, May 15-20. Abstract published in *41st International Symposium on Archaeometry Book of Abstracts* (N. Zacharias & E. Palamara, eds.), Kalamata, Greece, p. 332, 2016. ISBN 978-618-80277-2-5.
- * 446. Gilbertson, T. & **R.H. Tykot**. 2016. Combining pXRF and Stable Isotope Analysis in Assessing Ancient Coastal Peruvian Diets. 41st International Symposium on Archaeometry, Kalamata, Greece, May 15-20. Abstract published in *41st International Symposium on Archaeometry Book of Abstracts* (N. Zacharias & E. Palamara, eds.), Kalamata, Greece, pp. 376-377, 2016. ISBN 978-618-80277-2-5.
- * 445. Brown, K.A., C. Alexander, K.P. Freund, I. Muntoni & **R.H. Tykot**. 2016. Pots and People of the Neolithic Tavoliere: Insights into Ceramic Production and Exchange from pXRF Analysis. 41st International Symposium on Archaeometry, Kalamata, Greece, May 15-20. Abstract published in *41st International Symposium on Archaeometry Book of Abstracts* (N.

- Zacharias & E. Palamara, eds.), Kalamata, Greece, pp. 389-390, 2016. ISBN 978-618-80277-2-5.
- * 444. Tanasi, D., **R.H. Tykot** & A. Vianello. 2016. Archaeometric Characterization of Sicilian Pre-and Protohistoric Pottery: the Case Study of Monte San Paolillo (Catania, Sicily). 41st International Symposium on Archaeometry, Kalamata, Greece, May 15-20. Abstract published in *41st International Symposium on Archaeometry Book of Abstracts* (N. Zacharias & E. Palamara, eds.), Kalamata, Greece, p. 403, 2016. ISBN 978-618-80277-2-5.
- * 443. Ashkanani, H. & **R.H. Tykot**. 2016. Dilmun and Kassite Pottery from Bronze Age Sites in Kuwait (tell F3) and Bahrain (NE Temple) Using Non-Destructive XRF analysis. 41st International Symposium on Archaeometry, Kalamata, Greece, May 15-20. Abstract published in *41st International Symposium on Archaeometry Book of Abstracts* (N. Zacharias & E. Palamara, eds.), Kalamata, Greece, p. 424, 2016. ISBN 978-618-80277-2-5.
442. **Tykot, R.H.** 2016. Obsidian Studies in Italy. After 50 Years, What Have We Learned and What Still Needs to Be Done? 7th Conference on Italian Archaeology, April 16-18, Galway, Ireland.
441. Brown, K., C. Alexander, K.P. Freund, I.M. Muntoni & **R.H. Tykot**. 2016. Pots and People of the Neolithic Tavoliere: insights into ceramic production and exchange from pXRF analysis. 7th Conference on Italian Archaeology, April 16-18, Galway, Ireland.
- *440. Waterman, A.J., P. Díaz-del-Río & **R.H. Tykot**. 2016. Evidence of C₄ Plant Intake and Dietary Heterogeneity in Late Prehistoric Burial Populations of Spain and Portugal. 85th Annual Meeting of the American Association of Physical Anthropologists, April 12-16, Atlanta, Georgia. Abstract published in *American Journal of Physical Anthropology* 159 (S62): 330.
439. **Tykot, R.H.** & A. Vianello. 2016. Island Obsidian Distribution and Socioeconomic Patterns in Prehistoric Sicily and the South-Central Mediterranean. 81st Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, Florida.
438. Vianello, A. & **R.H. Tykot**. 2016. The Introduction of Metallurgy in Sicily: Preliminary Data using a pXRF. 81st Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, Florida.
437. Freund, K.P., C. Alexander, **R.H. Tykot**, K.A. Brown, I.M. Muntoni. 2016. A Network-Based Approach to the Study of Neolithic Pottery Production in the Tavoliere (Apulia, Italy). 81st Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, Florida.
436. Tafani, A., **R.H. Tykot**, K. Peche-Quilichini. 2016. A Provenience study of Final Bronze Age Ceramics in Corsica using Non-Destructive Analysis. 81st Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, Florida.
435. Bergmann, C.L., **R.H. Tykot** & R.D. Bowers. 2016. Assessing pre-Inca Subsistence Patterns through Elemental Analysis of Human Bone using a Non-Destructive Portable X-Ray Fluorescence Spectrometer. 81st Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, Florida.
434. Bergmann, C. & **R.H. Tykot**. 2016. Elemental Analysis of Prehistoric Peruvian Human Bones Using X-ray Fluorescence Spectroscopy. 8th Annual Graduate Student Research Symposium, University of South Florida, Tampa, March 28.
- *433. Tafani, A. & **R.H. Tykot**. 2016. Non-Destructive Provenience Analysis of Final Bronze Age Corsican Ceramics. 80th Annual Meeting of the Florida Academy of Sciences, St. Petersburg, Florida, March 18-19. Abstract published in *Florida Scientist* 79(1): 13.
- *432. **Tykot, R.H.** 2016. Problems and Potential Solutions for Inter-Laboratory Elemental Composition Data Comparison and Combination for Geological and Archaeological Obsidian. Raw Materials, March 11-13, Faro, Portugal. Abstract published in *Book of Abstracts of the Raw Materials Exploitation in Prehistory: Sourcing, Processing and Distribution*, p. 101. ISBN 978-989-8472-78-6.

431. Vianello, A. & **R.H. Tykot**. 2016. Prehistoric Transitions: Moving Away from Obsidian in Southern Italy. Immersed in Lithics Conference, University of Manchester, February 25-27, Manchester, England.
430. Alexander, C., K.A. Brown, K.P. Freund, M. Hofer, T. Mattioli, A. Di Micelli, I.M. Muntoni & **R.H. Tykot**. 2016. UAVs rather than planes in the Neolithic Tavoliere: Understanding site structure using UAV-based NIR imaging and photogrammetric mapping, magnetometry and field survey. 2nd International Conference of Aerial Archaeology, February 3-5, Rome, Italy.
- *429. **Tykot, R.H.**, C. Alexander, K.A. Brown, K.P. Freund & I.M. Muntoni. 2016. 2013-2015 Survey of Neolithic Agricultural Sites in the Tavoliere (Italy): A Report on Ceramic and Lithic Finds as well as Aerial- and Ground-Based Remote Sensing. 117th Annual Meeting of the Archaeological Institute of America, January 7-10, San Francisco, CA. Abstract published in *Archaeological Institute of America 117th Annual Meeting Abstracts* 39: 171-172.
- *428. Tanasi, D., S. Hassam, F. Pirone, A. Raudino, P. Trapani, **R.H. Tykot** & A. Vianello. 2016. Chemical characterization of EBA/MBA pottery from Ognina (Sicily). A comparison of XRF and pXRF for analysis of ancient pottery. 117th Annual Meeting of the Archaeological Institute of America, January 7-10, San Francisco, CA. Abstract published in *Archaeological Institute of America 117th Annual Meeting Abstracts* 39: 163.
427. **Tykot, R.H.** & R.A. Stein. 2016. Drilling, zapping, and mapping for more than a decade: collaborative project to source Classical marble in the Carlos Museum. 117th Annual Meeting of the Archaeological Institute of America, January 7-10, San Francisco, CA.
426. Alexander, C., K.A. Brown, K.P. Freund, I.M. Muntoni & **R.H. Tykot**. 2015. Pots and People of the Neolithic Tavoliere: Update 2015. 36° Convegno Nazionale Preistoria, protostoria e storia della Daunia, 14/15 novembre, San Severo (FG), Italy.
425. **Tykot, R.H.** 2015. Investigating Ancient "Bronzes:" Non-Destructive Analysis of Copper-Based Alloys. 19th International Congress on Ancient Bronzes, October 13-17, Los Angeles, CA.
424. Gulli, D., M. di Rosa, T. Fontebrera, V. Giuliana, C. Speciale, D. Tanasi, **R.H. Tykot** & A. Vianello. 2015. Cibo da vivi, cibo da morti: alcune osservazioni sull'alimentazione della comunità preistorica di contrada Scintilia di Favara (Ag). L Riunione Scientifica IIPP, October 5-9, Rome, Italy.
423. **Tykot, R.H.**, K.P. Freund, K.A. Brown, S. Forenbaher, I.M. Muntoni & Z. Perhoč. 2015. Lithic Movement and Exchange across the Adriatic: pXRF Analysis and Interpretation of Prehistoric Obsidian and Chert in Italy and Croatia. 10th International Symposium on Knappable Materials, September 8-10, Barcelona, Spain.
422. Vianello, A., **R.H. Tykot** & K.P. Freund. 2015. Exchange networks from close-up: the case of Lipari obsidian. 10th International Symposium on Knappable Materials, September 8-10, Barcelona, Spain.
421. **Tykot, R.H.** 2015. Seafood and C4 Plants in Ancient Diets: Stable Isotope Analysis of Bone Apatite and Bone Collagen. 21st Annual Meeting of the European Association of Archaeologists, September 2-5, Glasgow.
420. **Tykot, R.H.** 2015. Advantages and Limitations of Using Non-Destructive Portable X-Ray Fluorescence Spectrometers (pXRF) in Museums: Studies of Metals, Ceramics, Lithics, and Paintings. 21st Annual Meeting of the European Association of Archaeologists, September 2-5, 2015, Glasgow.
- *419. **Tykot, R.H.**, L.R. Adams, J. Balen, B. Bass, P. Della Casa, S. Forenbaher, T. Kaiser, D. Komšo & E. Podrug. 2015. The Use of "Other Stones in Antiquity" in Croatia: Long Distance Acquisition of Obsidian in the Neolithic Period. ASMOSIA XI International Conference, Split (Croatia), 18-22 May. Abstract published in *ASMOSIA XI, Association for the Study of Marble & Other Stones In Antiquity, XI International Conference*, pp. 251-252. University of Split. ISBN 978-953-6116-60-7.

- *418. **Tykot, R.H.**, J.J. Herrmann, Jr., R. Stein, S. Blevins, J. Gaunt & A. Skinner. 2015. Analysis of Classical Marble Sculptures in the Michael C. Carlos Museum, Emory University, Atlanta. ASMOSIA XI International Conference, Split (Croatia), 18-22 May. Abstract published in *ASMOSIA XI, Association for the Study of Marble & Other Stones In Antiquity, XI International Conference*, pp. 253-254. University of Split. ISBN 978-953-6116-60-7.
- *417. Herrmann, Jr., J.J., **R.H. Tykot** & A. van den Hoek. 2015. Marble on Rome's Southwestern Frontier: Thamugadi and Lambaesis. ASMOSIA XI International Conference, Split (Croatia), 18-22 May. Abstract published in *ASMOSIA XI, Association for the Study of Marble & Other Stones In Antiquity, XI International Conference*, pp. 133-134. University of Split. ISBN 978-953-6116-60-7.
- *416. Herrmann, Jr., J.J., **R.H. Tykot** & A. van den Hoek. 2015. Calcitic Marble from Thasos at Ravenna. ASMOSIA XI International Conference, Split (Croatia), 18-22 May. Abstract published in *ASMOSIA XI, Association for the Study of Marble & Other Stones In Antiquity, XI International Conference*, pp. 131-132. University of Split. ISBN 978-953-6116-60-7.
415. **Tykot, R.H.** 2015. Long Distance Material Movement in the Mediterranean: Obsidian Transport, Trade, and Technology. 80th Annual Meeting of the Society for American Archaeology, April 15-19, San Francisco, California.
414. Freund, K.P., **R.H. Tykot** & A. Vianello. 2015. A *Longue Durée* Approach to Obsidian Consumption and Social Value in Prehistoric Sicily (Italy). 80th Annual Meeting of the Society for American Archaeology, April 15-19, San Francisco, California.
413. Morgan, J.A., T. Carter & **R.H. Tykot**. 2015. Obsidian Source Selection in the Early Bronze Age Cyclades. 80th Annual Meeting of the Society for American Archaeology, April 15-19, San Francisco, California.
- *412. **Tykot, R.H.** 2015. Advantages and Limitations of Stable Isotope Analysis in the Ancient Mediterranean. 116th Annual Meeting of the Archaeological Institute of America, January 8-11, New Orleans, LA. Abstract published in *Archaeological Institute of America 116th Annual Meeting Abstracts* 38: 254.
- *411. **Tykot, R.H.**, C. Alexander, K. Brown, K. Freund, S. McClure, E. Mckendry, A. Moore, F. Pirone, E. Podrug, D. Tanasi, M. Teoh, P.M. van Leusen, A. Vianello & P. Woodruff. 2015. Pre- and Proto-Historic Pottery Production and Exchange in the Central Mediterranean: The Use of Non-Destructive pXRF. 116th Annual Meeting of the Archaeological Institute of America, January 8-11, New Orleans, LA. Abstract published in *Archaeological Institute of America 116th Annual Meeting Abstracts* 38: 88.
- *410. Freund, K.P., **R.H. Tykot** & A. Vianello. 2015. Post-Neolithic Obsidian Consumption and Early Metallurgy in the Western Mediterranean. 116th Annual Meeting of the Archaeological Institute of America, January 8-11, New Orleans, LA. Abstract published in *Archaeological Institute of America 116th Annual Meeting Abstracts* 38: 78.
- *409. **Tykot, R.H.** 2014. 50 Years of Obsidian Characterization Studies in the Mediterranean and Near East. European Association of Archaeologists 20th Annual Meeting, 10-14 September, Istanbul, Turkey. Abstract published in *20th Annual Meeting of the European Association of Archaeologists. Abstracts of the Oral and Poster Presentations*, p. 447. ISBN 978-605-396-298-8.
- *408. **Tykot, R.H.** 2014. Advantages and Disadvantages of Using pXRF in Europe on Ceramics, Metals, Paintings, Stone, and Bone. European Association of Archaeologists 20th Annual Meeting, 10-14 September, Istanbul, Turkey. Abstract published in *20th Annual Meeting of the European Association of Archaeologists. Abstracts of the Oral and Poster Presentations*, p. 206. ISBN 978-605-396-298-8.
- *407. **Tykot, R.H.**, A. Vianello & C. Guzzone. 2014. Identification of Local vs. Non-Local Prehistoric Ceramics from Milena (Valle del Platani, Sicily) using Non-Destructive pXRF. European Association of Archaeologists 20th Annual Meeting, 10-14 September, Istanbul, Turkey. Abstract published in *20th Annual Meeting of the European Association of Archaeologists. Abstracts of the Oral and Poster Presentations*, p. 243. ISBN 978-605-396-298-8.

- *406. Ashkanani, H. & **R.H. Tykot**. 2014. Understanding ceramic production, standardization and craft specialization of Dilmun in the second millennium BC: chemical characterization of Dilmun pottery from Kuwait and Bahrain using non-destructive pXRF. European Association of Archaeologists 20th Annual Meeting, 10-14 September, Istanbul, Turkey. Abstract published in *20th Annual Meeting of the European Association of Archaeologists. Abstracts of the Oral and Poster Presentations*, p. 285. ISBN 978-605-396-298-8.
405. **Tykot, R.H.** 2014. The Volcanic Creation of Lipari Obsidian and Neolithic Exchange Networks in the Western Mediterranean: Is This a Coincidence? XVII International Union of Prehistoric and Protohistoric Sciences, Burgos, Spain, September 1-7.
404. Lai, L., O. Fonzo, E. Usai, L. Medda, **R.H. Tykot**, E. Goddard, D. Hollander, G. Tanda & M. Monduzzi. 2014. Diet and ritual in the Western Mediterranean Copper Age: human and animal stable isotopes from the collective burial at S. Caterina di Pittinuri (Sardinia, Italy). XVII International Union of Prehistoric and Protohistoric Sciences, Burgos, Spain, September 1-7.
403. Vianello, A., **R.H. Tykot**, K.P. Freund. 2014. pXRF Non-Destructive Analysis of Prehistoric Paintings in the Genovese Cave on Levanzo (Sicily). XVII International Union of Prehistoric and Protohistoric Sciences, Burgos, Spain, September 1-7.
402. **Tykot, R.H.** 2014. L'uso di manufatti in ossidiana da Monte Arci nel Neolitico Medio-Tardo. Convegno di Studi San Ciriaco di Terralba: La cultura e il suo ruolo nell'affermazione dell'economia produttiva della Sardegna neolitica, Cagliari - Terralba, June 23-26.
401. Alexander, C., K.A. Brown & **R.H. Tykot**. 2014. Pots and People of the Neolithic Tavoliere: progress and preliminary results. Central Mediterranean Prehistory Day of Studies 2014, Newcastle University, England, May 28.
400. **Tykot, R.H.**, K.P. Freund & A. Vianello. 2014. Provenance Analysis of 1500 Obsidian Artifacts from 40+ Sites in Sicily (Italy). 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
399. **Tykot, R.H.**, A. Vianello, E. Mckendry & K.P. Freund. 2014. Local Production vs. Importation of Ceramics in Late Bronze Age Sicily: Non-Destructive Elemental Analysis Using pXRF. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
398. Woodruff, P. & **R.H. Tykot**. 2014. Etruscan Trade Networks: Ceramic Sourcing Without Sampling Using pXRF Spectrometry. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
397. **Tykot, R.H.**, A. Vianello, K.P. Freund & A. Crispino. 2014. Metal Objects in the Paolo Orsi Museum (Siracusa, Italy): Non-Destructive Compositional Analysis. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
396. **Tykot, R.H.**, Andrea Vianello & K.P. Freund. 2014. Analysis of Paintings in the Prehistoric Genovese Cave (Levanzo, Egadi Islands, Sicily). 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
395. **Tykot, R.H.** & K.A. Brown. 2014. Non-Destructive pXRF Sourcing of Neolithic Obsidian Artifacts from the Tavoliere, Italy. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
394. Brown, K.A., C. Alexander & **R.H. Tykot**. 2014. pXRF analysis of Neolithic ceramics and clay sources in the Tavoliere, S.E. Italy: an archaeometric project with social archaeological aims. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
393. **Tykot, R.H.**, J.W. Arthur, K.J.W. Arthur, M. Curtis & S. Stretton. 2014. Studying Ceramic Production and Trade in the Gamo Caste System in Southwestern Ethiopia. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
392. **Tykot, R.H.**, K.J.W. Arthur, M. Curtis, M. Coltorti, P. Pieruccini & S. Stretton. 2014. Studying Obsidian Sources and Trade in the Gamo Caste System in Southwestern Ethiopia. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.

391. Ashkanani, H., **R.H. Tykot** & M. Ownby. 2014. A Study of Bronze Age Pottery from Al-Khidr Site, Kuwait: Chemical and Petrographic Characterization. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
390. Ashkanani, H. & **R.H. Tykot**. 2014. A Chemical Characterization of Dilmun Pottery from Bronze Age Sites in Kuwait and Bahrain Using Non-Destructive XRF analysis. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
389. **Tykot, R.H.**, J.A. Morgan, J.J. Herrmann, Jr. & A. van den Hoek. 2014. Marble Sculptures in Algeria: From Local Sources or Elsewhere? 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
388. A.J. Waterman, **R.H. Tykot** & A. Figueiredo. 2014. A Stable Isotopic Analysis of Dietary Patterns in Individuals Interred in the Late Neolithic/Copper Age Burials of Anta da Rego da Murta I and II (Alvaiázere, Portugal): Preliminary Results. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
387. M.Q.R. Bastos, R.V. Santos & **R.H. Tykot**. 2014. Diet and origin of enslaved Africans in Brazil: A multi-isotopic study of individuals buried in the Pretos Novos Cemetery in Rio de Janeiro and in the Catedral da Se in Salvador. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
386. Delgado Burbano, M.E., C.H. Langebaek, L. Aristizabal, **R.H. Tykot** & L. Johnson. 2014. Biochemical Indicators of Diet in a Late Muisca Settlement in the Northern Andes: Stable Isotopes and Trace Elements. 40th International Symposium on Archaeometry, Los Angeles, CA, May 19-23.
385. **Tykot, R.H.** 2014. Fifty Years of Obsidian Sourcing in the Central Mediterranean: Quantitative Assessment of Transportation Routes, Chronological Changes and Intra-Site Variation. 79th Annual Meeting of the Society for American Archaeology, Austin, Texas, April 23-27.
384. **Tykot, R.H.** 2014. Discussant for session "The Gold Anniversary of Obsidian Sourcing: 50 Years of Research Around the World." 79th Annual Meeting of the Society for American Archaeology, Austin, Texas, April 23-27.
383. Waterman, A.J., **R.H. Tykot**, J. Thomas, D. Peate & K. Lillios. 2014. An Investigation of Human Dietary and Mobility Patterns at the Late Neolithic Burials of Bolores Using Isotopic Analyses. 79th Annual Meeting of the Society for American Archaeology, Austin, Texas, April 23-27.
382. Gabel, K., A. Robinson, A. Waterman & **R.H. Tykot**. 2014. Stable isotope analysis of human remains from the Chalcolithic mortuary site of Bolores, Portugal. USF Undergraduate Research and Arts Colloquium, University of South Florida, Tampa, April 15.
381. **Tykot, R.H.**, S.E. Bloom, M. Bourgeois, V. Carson, D. DeMarie, A. Huensch, C. Seop Jeong, M. Krajcevski, M. Voeller & K. Yee. 2014. Student Perceptions of Undergraduate Research: Opportunity, Sacrifice, or Fun? 25th International Conference on College Teaching and Learning, March 24-28, Jacksonville, FL.
380. Ashkanani, H. & **R.H. Tykot**. 2014. A Characterization Approach of Bronze Age Ceramics from Kuwait and Bahrain Using a Non-Destructive pXRF. Sixth Annual Graduate Student & Postdoctoral Scholar Research Symposium, University of South Florida, Tampa, March 17.
- *379. Woodruff, P., **R.H. Tykot**, N. de Grummond & J. Whitehead. 2014. Etruscan Trade Networks: Using X-Ray Fluorescence to Determine Material Elements of Etruscan Ceramics. 115th Annual Meeting of the Archaeological Institute of America, Chicago, IL, January 2-5. Abstract published in *Archaeological Institute of America 115th Annual Meeting Abstracts* 37: 75.
378. **Tykot, R.H.** 2014. Roundtable on Applications of pXRF in Archaeology. 115th Annual Meeting of the American Institute of Archaeology, Chicago, IL, January 2-5.
- *377. **Tykot, R.H.**, K.P. Freund & A. Vianello. 2014. Prehistoric Obsidian Use and Trade in Sicily (Italy): Non-Destructive Analyses on 1500 Artifacts from 30 Sites. 115th Annual Meeting

- of the American Institute of Archaeology, Chicago, IL, January 2-5. Abstract published in *Archaeological Institute of America 115th Annual Meeting Abstracts* 37: 43-44.
376. Alexander, C., K.A. Brown, I.M. Muntoni & **R.H. Tykot**. 2013. The Ceramic Taskscape of the Neolithic Tavoliere: Insights from Archaeometry. Theoretical Archaeology Group Annual Conference 2013, 'Tag-on-Sea', Bournemouth University, U.K., December 16-18.
375. Alexander, C., K.A. Brown, I.M. Muntoni & **R.H. Tykot**. 2013. L'archeometria delle ceramiche neolitiche del Tavoliere: risultati preliminari di un nuovo progetto. 34° Convegno Nazionale Preistoria, protostoria e storia della Daunia, San Severo (FG), 16-17 novembre.
- *374. **Tykot, R.H.** 2013. The Contribution of Isotopic and Elemental Analysis to Understanding the Importance of Maize and Aquatic Foods in the Southeastern United States. 70th Annual Meeting of the Southeast Archaeological Conference, Tampa, FL, November 6-9. Abstract published in *Southeastern Archaeological Conference Bulletin* 56: 72.
373. Lai, L., L. Medda, O. Fonzo, **R.H. Tykot**, E. Goddard, D. Hollander, G. Tanda & M. Monduzzi. 2013. Reassessing isotopic reliability through the application of FT-IR measurements: a case-study in Western Mediterranean prehistory. 7th International Bone Diagenesis Meeting, October 22-25, Lyon, France.
372. **Tykot, R.H.** 2013. Using Non-Destructive Portable X-Ray Fluorescence Spectrometers on Archaeological Material in Museums: The Good and the Bad for Analyzing Stone, Ceramics, Metals, and Other Materials. Invited speaker for SciX 2013, September 29-October 4, Milwaukee, WI.
- *371. **Tykot, R.H.** 2013. Using Bone Chemistry to Identify the Introduction and Importance of Maize in the Diet: Archaeological Data for Florida Prior to European Contact. 19th Annual Meeting of the European Association of Archaeology, September 4-8, Pilsen, Czech Republic. Abstract published in *Abstracts* (J. Turek, ed.), University of West Bohemia (ISBN 978-80-261-0255-7), p. 375.
- *370. **Tykot, R.H.** 2013. Material Movement Modes in the Mediterranean: Obsidian Sourcing Using PXRF Instruments. 19th Annual Meeting of the European Association of Archaeology, September 4-8, Pilsen, Czech Republic. Abstract published in *Abstracts* (J. Turek, ed.), University of West Bohemia (ISBN 978-80-261-0255-7), p. 418.
369. Ashkanani, H., C. Stremtan & **R.H. Tykot**. 2013. A Provenance Study of Bronze Age Pottery from Kuwait and Bahrain: Toward the First Petrographic and Chemical Characterization. Seminar for Arabian Studies, British Museum, London, 26th-28th July.
368. Alexander, C., K.A. Brown & **R.H. Tykot**. 2013. People and Pots of the Neolithic Tavoliere. Annual Seminar on Central Mediterranean Prehistory, May 15, McDonald Institute for Archaeological Research, University of Cambridge, England.
367. Figueroa, R., **R.H. Tykot**, R. Lanehart, A. Underhill & H. Fang. 2013. Environmental Change and Diet of the Longshan at Liangchengzhen. Tenth Annual Undergraduate Honors Colloquium, Department of Anthropology, April 25, University of South Florida, Tampa, FL.
366. Feig, H. & **R.H. Tykot**. 2013. Trace Element and Sourcing Analysis of Prehistoric Ceramics from Northwest Florida using Portable X-ray Fluorescence Spectrometry. 11th Raymond N. Castle Student Research Conference, April 20, University of South Florida, Tampa, FL.
365. Figueroa, R., **R.H. Tykot**, R. Lanehart, A. Underhill & H. Fang. 2013. Environmental Change and Diet of the Longshan at Liangchengzhen. USF Undergraduate Research and Arts Colloquium, April 17, University of South Florida, Tampa, FL.
364. Feig, H. & **R.H. Tykot**. 2013. Trace Element and Sourcing Analysis of Prehistoric Ceramics from Northwest Florida using Portable X-ray Fluorescence Spectrometry. USF Undergraduate Research and Arts Colloquium, April 17, University of South Florida, Tampa, FL.
363. **Tykot, R.H.**, K.P. Freund & A. Vianello. 2013. Source Analysis of Prehistoric Obsidian Artifacts in Sicily (Italy) Using pXRF. 12th Archaeological Chemistry Symposium, 245th American Chemical Society National Meeting, April 8-11, New Orleans, LA.

362. **Tykot, R.H.**, N.M. White, J.P. DuVernay, J. Freeman, M. Koppe, C.N. Hunt & D.S. Woodward. 2013. Advantages and Disadvantages of pXRF for Archaeological Ceramic Analysis: Prehistoric Pottery Distribution and Trade in Northwest Florida. 12th Archaeological Chemistry Symposium, 245th American Chemical Society National Meeting, April 8-11, New Orleans, LA.
361. Ashkanani, H. & **R.H. Tykot**. 2013. Interregional Interaction and Dilmun Power in the Bronze Age: A Provenance Study of Ceramics from Bronze Age Sites in Kuwait, Bahrain and the Indus Valley Using Non-Destructive pXRF Analysis. 12th Archaeological Chemistry Symposium, 245th American Chemical Society National Meeting, April 8-11, New Orleans, LA.
360. Stremtan, C., H. Ashkanani & **R.H. Tykot**. 2013. Destructive versus non-destructive geochemical analyses on ceramic artifacts: comparison of portable XRF and ICP-MS data on Bronze Age ceramics from Failaka Island (Kuwait) and Bahrain. European Geosciences Union, General Assembly 2013, April 7-12, Vienna, Austria.
359. Peña, J.L. & **R.H. Tykot**. 2013. Trace Element Analysis of Late Horizon Pottery from the Huancabamba Valley, Jaen-Cajamarca, Peru. 78th Annual Meeting of the Society for American Archaeology, Honolulu, Hawaii, April 3-7.
358. **Tykot, R.H.** 2013. Using pXRF for Obsidian Sourcing in the Western Mediterranean: Any Disadvantages or Limitations? 78th Annual Meeting of the Society for American Archaeology, Honolulu, Hawaii, April 3-7.
357. **Tykot, R.H.** 2013. Discussant for session "Archaeometric Methods, Archaeological Materials & Ancient Technologies" (organizers V. Muros & I. Kakoulli). 78th Annual Meeting of the Society for American Archaeology, Honolulu, Hawaii, April 3-7.
356. **Tykot, R.H.** 2013. Discussant for session "Obsidian Provenance in the Pacific Rim: Current Trends and Future Applications" (organizers J. Ferguson & K.P. Freund). 78th Annual Meeting of the Society for American Archaeology, Honolulu, Hawaii, April 3-7.
- *355. **Tykot, R.H.**, C. Leccese, K. Parker, G. Kamenov, K. Lafrenz Samuel & C. Pulak. 2013. Analysis of Ivory from the Uluburun Shipwreck and Late Bronze Age Trade in the Eastern Mediterranean. 114th Annual Meeting of the Archaeological Institute of America, Seattle, Washington, January 3-6. Abstract published in *Archaeological Institute of America 114th Annual Meeting Abstracts* 36: 40-41.
354. Ashkanani, H. & **R.H. Tykot**. 2012. A Provenance Study of Pottery from Dilmun Sites in Kuwait and Bahrain Using Non-Destructive XRF Analysis. Annual Meeting of the American Schools of Oriental Research, Chicago, Illinois, November 14-17.
353. Peña, J. & **R.H. Tykot**. 2012. Trace Element Analysis of Late Horizon Pottery from the Huancabamba Valley, Cajamarca, Peru. Archaeological Sciences of the Americas Symposium 2012, Nashville, Tennessee, October 5-6.
352. Seinfeld, D. & **R.H. Tykot**. 2012. pXRF Analysis of 16th Century Glass Trade Beads from Conquistador Sites in Florida. Archaeological Sciences of the Americas Symposium 2012, Nashville, Tennessee, October 5-6.
351. **Tykot, R.H.** 2012. Contributions of Isotope and Elemental Analysis of Human Bones and Teeth to Understanding Palaeolithic Dietary Practices. 18th Annual Meeting of the European Association of Archaeologists, Helsinki, Finland, 29 August - 1 September.
350. **Tykot, R.H.** 2012. Sardinian Obsidian in Southern France and Iberia: Methods, Frequency, and Purpose of Long Distance Trade in the Neolithic. Invited speaker for the 1st International Workshop on Iberia and Sardinia from the Mesolithic Period to the Late Bronze Age: Linguistic, Genetic, and Archaeological Links, Sardinia, Italy, June 13-16.
349. **Tykot, R.H.**, J.J. Herrmann, Jr., & A. van den Hoek. 2012. An Isotope Database of Marble Quarry Sources in Algeria and Tunisia. 39th International Symposium on Archaeometry, Leuven, Belgium, May 28-June 1. Abstract published in *39th International Symposium on Archaeometry, 28 May - 1 June 2012, Leuven, Belgium. Programme and Abstracts* (D. Braekmans, J. Honings & P. Degryse eds.), Centre for Archaeological Sciences, Leuven, ISBN 9789461650436, p. 166.

348. **Tykot, R.H.** 2012. Advantages and Disadvantages of pXRF over other Elemental Methods of Analysis for Obsidian Sourcing and Studying Ancient Trade. 39th International Symposium on Archaeometry, Leuven, Belgium, May 28-June 1. Abstract published in *39th International Symposium on Archaeometry, 28 May - 1 June 2012, Leuven, Belgium. Programme and Abstracts* (D. Braekmans, J. Honings & P. Degryse eds.), Centre for Archaeological Sciences, Leuven, ISBN 9789461650436, p. 50.
- *347. **Tykot, R.H.** 2012. Non-Destructive Trace Element Analysis of Human Bones to Examine Diet and Mobility. 39th International Symposium on Archaeometry, Leuven, Belgium, May 28-June 1. Abstract published in *39th International Symposium on Archaeometry, 28 May - 1 June 2012, Leuven, Belgium. Programme and Abstracts* (D. Braekmans, J. Honings & P. Degryse eds.), Centre for Archaeological Sciences, Leuven, ISBN 9789461650436, p. 308.
- *346. **Tykot, R.H.** 2012. Finger-Imprinted Phoenician-Punic Hearth Ceramics: Testing for Potential Metallurgical Usage. 39th International Symposium on Archaeometry, Leuven, Belgium, May 28-June 1. Abstract published in *39th International Symposium on Archaeometry, 28 May - 1 June 2012, Leuven, Belgium. Programme and Abstracts* (D. Braekmans, J. Honings & P. Degryse eds.), Centre for Archaeological Sciences, Leuven, ISBN 9789461650436, p. 264.
- *345. **Tykot, R.H.**, M. Koppe, J. DuVernay, & N. White. 2012. Non-Destructive Sourcing of Prehistoric Pottery from the Southeastern United States Using pXRF. 39th International Symposium on Archaeometry, Leuven, Belgium, May 28-June 1. Abstract published in *39th International Symposium on Archaeometry, 28 May - 1 June 2012, Leuven, Belgium. Programme and Abstracts* (D. Braekmans, J. Honings & P. Degryse eds.), Centre for Archaeological Sciences, Leuven, ISBN 9789461650436, p. 96.
- *344. Stremtan, C., H. Ashkanani, **R.H. Tykot** & M. Puscas. 2012. Constructing a database for pXRF, XRD, ICP-MS and petrographic analyses of Bronze Age ceramics and raw materials from Failaka Island (Kuwait). 39th International Symposium on Archaeometry, Leuven, Belgium, May 28-June 1. Abstract published in *39th International Symposium on Archaeometry, 28 May - 1 June 2012, Leuven, Belgium. Programme and Abstracts* (D. Braekmans, J. Honings & P. Degryse eds.), Centre for Archaeological Sciences, Leuven, ISBN 9789461650436, p. 418.
343. van den Hoek, A., P. Blanc, J.J. Herrmann, Jr. & **R.H. Tykot**. 2012. Isotopic Evidence on Figural Sculpture in Hippo Regius (Annaba, Algeria). ASMOSIA Xth International Conference, Rome, Italy, May 21-26.
342. Herrmann, Jr., J.J., P. Blanc, **R.H. Tykot** & A. van den Hoek. 2012. Isotopic Evidence on Figural Sculpture in Guelma, Algeria. ASMOSIA Xth International Conference, Rome, Italy, May 21-26.
341. van den Hoek, A., D. Attanasio, J.J. Herrmann, Jr. & **R.H. Tykot**. 2012. Thassian Exports of Prefabricated Statuettes. ASMOSIA Xth International Conference, Rome, Italy, May 21-26.
340. **Tykot, R.H.**, J.J. Herrmann, A. van den Hoek. 2012. An Isotopic Database for Marble Quarry Sources in Algeria and Tunisia. ASMOSIA Xth International Conference, Rome, Italy, May 21-26.
339. **Tykot, R.H.** 2012. Elemental Analysis of Marble and Other Stones from Antiquity: Calibration Issues and Limitations of pXRF. ASMOSIA Xth International Conference, Rome, Italy, May 21-26.
338. Seinfeld, D. & **R.H. Tykot**. 2012. Conquistadors' Beads: PXRf and Morphological Analysis of Beads from early 16th Century Sites in Florida. 64th Annual Meeting of the Florida Anthropological Society, Tallahassee, FL, May 11-13.
337. Lai, L., **R. Tykot**, O. Fonzo, J.F. Beckett, E. Usai, E. Goddard, D. Hollander. 2012. Dati isotopici relativi alla dieta di alcuni gruppi umani di tradizione Post-Ozieri nella Sardegna centro-meridionale. Ricerca in Cittadella. Giornate di studio di Archeologia e Storia dell'Arte dedicate a Roberto Coroneo, Cagliari, Cittadella dei Musei - Villa Pollini, Sardinia, May 7-12.

336. Hughes Markovics, M., **R.H. Tykot** & B. Benson. 2012. pXRF Sourcing of Obsidian Artifacts from Pepperwood Preserve, Sonoma County, California. 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee, April 18-22.
335. McCaffery, H. & **R.H. Tykot**. 2012. Dietary Reconstruction of the Ancestral Puebloan Domestic Turkey. A Stable Isotope Analysis of Turkeys from the Middle San Juan Region, Northwest New Mexico. 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee, April 18-22.
334. Gagnon, C.M., B.L. Turner & **R.H. Tykot**. 2012. A Bioarchaeological Approach to Gendering Consumption in the Moche Valley. 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee, April 18-22.
333. **Tykot, R.H.** 2012. Teaching Critical Thinking about Pseudoarchaeology to College Students. 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee, April 18-22.
332. Stremtan, C., H. Ashkanani, **R.H. Tykot** & M. Puscas. 2012. Establishing a Sourcing Database for pXRF, XRD, ICP-MS and Petrographic Analyses of Clay and Failaka Island (Kuwait) Ceramics in the Bronze Age. 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee, April 18-22.
331. Ashkanani, H., **R.H. Tykot** & T. Murakami. 2012. A Provenance Study of Pottery from Dilmun Sites in Kuwait and Bahrain Using Non-Destructive XRF Analysis. 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee, April 18-22.
330. **Tykot, R.H.** 2012. Discussant for session "A World of Obsidian: Sourcing, Dating and Beyond" (organizer M. Glascock), 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee, April 18-22.
329. Johnson, L., **R.H. Tykot** & M.E. Delgado-Burbano. 2012. Studying Mobility and the Importance of Maize in the Muisca Culture of Prehistoric Colombia Using Elemental and Isotopic Analysis of Human Skeletal Remains. Inquiry and Discovery: Undergraduate Research and Arts Colloquium, University of South Florida, Tampa, Florida, April 18.
328. Z. Morales, T. Becker, **R.H. Tykot**. 2012. Obsidian and Trade Patterns in Ancient Corsica and the Western Mediterranean. Inquiry and Discovery: Undergraduate Research and Arts Colloquium, University of South Florida, Tampa, Florida, April 18.
327. Leon, J., S. Mallipedi, A. Waterman, **R.H. Tykot**. 2012. What Did People Eat in Late Pre-Historic Portugal? Inquiry and Discovery: Undergraduate Research and Arts Colloquium, University of South Florida, Tampa, Florida, April 18.
326. Infante, R., N. Santos, M.E. Delgado, **R.H. Tykot**. 2012. The Diet of the Prehistoric Muisca People in Colombia from an Isotopic Point of View. Inquiry and Discovery: Undergraduate Research and Arts Colloquium, University of South Florida, Tampa, Florida, April 18.
325. Johnson, L., **R.H. Tykot** & M.E. Delgado-Burbano. 2012. Studying Mobility and the Importance of Maize in the Muisca Culture of Prehistoric Colombia Using Elemental and Isotopic Analysis of Human Skeletal Remains. National Conference on Undergraduate Research, Weber State University, Ogden, Utah, March 29-31.
- *324. **Tykot, R.H.** 2012. Non-destructive pXRF major and trace element analysis of archaeological metals, ceramics, stone, and bone in Florida. Annual Meeting of the Florida Academy of Sciences, Tampa, Florida, March 16-17. Abstract published in *Florida Scientist* 75 supp. 1: 14-15.
- *323. **Tykot, R.H.** 2012. Elemental and isotopic analysis of human skeletal remains from pre-contact period Florida to study diet and mobility. Annual Meeting of the Florida Academy of Sciences, Tampa, Florida, March 16-17. Abstract published in *Florida Scientist* 75 supp. 1: 12.
322. Ashkanani, H. & **R.H. Tykot**. 2012. Using Non-Destructive Portable XRF Analysis for A Provenance Study of Pottery from Early Dilmun Sites in Kuwait. The American Institute of Pakistan Studies (AIPS), Islamabad, Pakistan, January 5-8.
- *321. **Tykot, R.H.**, N.T. de Grummond & S.J. Schwarz. 2012. XRF Analysis of Metal Composition of Etruscan Bronze Mirrors. 113th Annual Meeting of the Archaeological

- Institute of America, Philadelphia, PA, January 5-8. Abstract published in *Archaeological Institute of America 113th Annual Meeting Abstracts* 35: 71-72.
320. Ashkanani, H. & **R.H. Tykot**. 2011. Using Non-Destructive XRF Analysis for Sourcing Bronze Age Ceramics from Failaka Island, Kuwait. Annual Meeting of the American Schools of Oriental Research, San Francisco, California, November 16-19.
 319. Lai, L., **R.H. Tykot**, J.F. Beckett, O. Fonzo, E. Usai, E. Goddard & D. Hollander. 2011. Diet in the Sardinian Bronze Age: models, isotopic data, issues and perspectives. *Economie Alimentaire et Alimentation à l'Age du Bronze en Europe: Aspects Pluridisciplinaires «ECOALIM»*, Aix-en-Provence, 8-9 novembre.
 318. Parker, D.R. & **R.H. Tykot**. 2011. Late and Terminal Classic Maya Subsistence: Stable Isotope Analysis at Chac Balam and San Juan on Northern Ambergris Caye, Belize. 2nd Annual South-Central Conference on Mesoamerica, Trinity University, San Antonio, Texas, November 4-6.
 317. Ravn, M., J. Barber & **R.H. Tykot**. 2011. Norway's Oldest Boy Revived: The Viste Boy. A reconstruction of the skull of the Viste boy revealed a healthy-looking boy but also an abnormal elongation to the skull. Norwegian Archaeology Meeting, Kristiansand, Norway, November 3-5. 1st Prize Winner.
 316. **Tykot, R.H.**, S. McClure, E. Podrug, J. Balen, A. Moore, L. Coomar, L. Wajahat. 2011. Studying Neolithic Ceramic Exchange in Dalmatia thru Non-Destructive pXRF Analysis. 17th Annual Meeting of the European Association of Archaeologists, Oslo, Norway, September 14-18.
 315. Killgrove, K., **R.H. Tykot** & J. Montgomery. 2011. Foreign Women in Imperial Rome: The Isotopic Evidence. 17th Annual Meeting of the European Association of Archaeologists, Oslo, Norway, September 14-18.
 314. Ashkanani, H. & **R.H. Tykot**. 2011. Sourcing Bronze Age Ceramics from Kuwait and Bahrain Using Non-Destructive XRF Analysis. 2011 Seminar for Arabian Studies, British Museum, London, England, July 28-30.
 313. **Tykot, R.H.** 2011. Non-Destructive Elemental Analysis of Ceramics and Other Materials: Case Studies in Florida and Elsewhere. 63rd Annual Florida Anthropological Society Meeting, Orlando, Florida, May 6-8.
 312. Cerniga, Z., A.J. Loisel, D. Parker & **R.H. Tykot**. 2011. Dietary Isotopic Analysis of Human Remains from the Maya Terminal Classic Period in Ambergris Caye, Belize. 9th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 15.
 311. Driscoll, A.C., D.L. Hamilton, T.J. Pluckhahn & **R.H. Tykot**. 2011. Elemental Analysis of Ceramic Artifacts from Kolomoki (Georgia) to Reconstruct Pre-Columbian Trade Routes in the Southeastern United States. 9th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 15.
 310. Baumbach, K., H. DeLeon, **R.H. Tykot**, Z. Atlas & E. Gliozzo. 2011. Elemental Analysis of Copper Standards by ICP-MS, ICP-OES, and pXRF for Roman Metallurgy. 9th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 15.
 309. Coomar, L., L. Wajahat, S. McClure & **R.H. Tykot**. 2011. Croatian Ceramics Analysis Using X-Ray Fluorescence. 9th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 15.
 308. Jakimavicius, R., D. McCormick, **R.H. Tykot** & E.C. Wells. 2011. Elemental Analysis of Plaster Floors and Soils to Determine Human Activity at the Prehispanic Archaeological Site of El Coyote, Honduras. 9th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 15.
 307. Myers, D., J. Sprecher, O.J. Mendonca, **R.H. Tykot**. 2011. Paleodietary implications of bones from Quebrada de Humahuaca and Puna (Jujuy, NW Argentina). 9th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 15.
 - *306. Killgrove, K., **R.H. Tykot** & J. Montgomery. 2011. Dietary Differences Between Migrants and Locals in Imperial Rome. 80th Annual Meeting of the American Association of Physical

- Anthropologists, Minneapolis, Minnesota, April 12-16. Abstract published in *American Journal of Physical Anthropology* 144(S52): 185.
305. Stremtan, C., H. Ashkanani, & **R.H. Tykot**. 2011. Establishing a Sourcing Database for pXRF, XRD, ICP-MS and Petrographic Analyses of Failaka Island (Kuwait) Ceramics in the Bronze Age. European Geosciences Union, General Assembly 2011, Vienna, Austria, April 3-8.
 304. McCormick, D., R. Jakimavicius, **R.H. Tykot** & E.C. Wells. 2011. A Controlled Comparison of Chemical Residues in Plasters and Soils using Portable X-ray Fluorescence Spectrometry. 76th Annual Meeting of the Society for American Archaeology, Sacramento, CA, March 30-April 3.
 303. Ashkanani, H. & **R.H. Tykot**. 2011. Using non-destructive XRF analysis for sourcing of Bronze Age ceramics from Kuwait and Bahrain. 76th Annual Meeting of the Society for American Archaeology, Sacramento, CA, March 30-April 3.
 302. **Tykot, R.H.** 2011. New Approaches to Obsidian Studies in the Central-Western Mediterranean. 76th Annual Meeting of the Society for American Archaeology, Sacramento, CA, March 30-April 3.
 301. **Tykot, R.H.** 2011. Discussant, for session 1st International SAA Symposium for Recent, International Advances in the Use of pXRF and other Portable, Field Technologies for Archaeochemical Studies of Sites in the Americas (organizers C. Brackett, R. Lundin & V. Muros). 76th Annual Meeting of the Society for American Archaeology, Sacramento, CA, March 30-April 3.
 300. Tur, J., E. Kimmerle & **R.H. Tykot**. 2011. Diet Reconstruction of Unidentified Cases by use of Stable Isotopic Analysis on Skeletal Material. 14th Annual Meeting of the American Association of Behavioral and Social Sciences, Las Vegas, Nevada, February 10-11.
 - *299. **Tykot, R.H.** 2011. Selective Use of Obsidian Subsources on Mediterranean Islands. 112th Annual Meeting of the Archaeological Institute of America, San Antonio, Texas, January 6-9. Abstract published in *Archaeological Institute of America 112th Annual Meeting Abstracts* 34: 115, and in *IAOS Bulletin* 45: 7.
 - *298. Waterman, A.J., M. Kunst, **R.H. Tykot** & A.M. Silva. 2011. Stable isotope analysis of human and animal remains from Zambujal (Torres Vedras, Portugal): An investigation of human and animal dietary diversity in Late Prehistoric Portugal. 112th Annual Meeting of the Archaeological Institute of America, San Antonio, Texas, January 6-9. Abstract published in *Archaeological Institute of America 112th Annual Meeting Abstracts* 34: 44-45.
 297. Herrmann, J.J., Jr., **R.H. Tykot** & A. van den Hoek. 2010. Aspetti dell'importazione e esportazione dei marmi architettonici dell'Algeria. XIX Convegno "L'Africa Romana", Sassari, Italy, December 16-19.
 296. van den Hoek, A., J.J. Herrmann, Jr. & **R.H. Tykot**. 2010. Aspetti dell'importazione e esportazione dei marmi colorati dell'Algeria. XIX Convegno "L'Africa Romana", Sassari, Italy, December 16-19.
 295. Ashkanani, H. & **R.H. Tykot**. 2010. Failaka Island (Kuwait) in the Bronze Age: Determining the Clay Source of Ceramics by pXRF Analysis. Annual Meeting of the American Schools of Oriental Research, Atlanta, Georgia, November 17- 20.
 294. Coolidge, R.H., E.H. Kimmerle, **R.H. Tykot**. 2010. Trace Element Analysis of Four Florida Archaeological Populations by Portable XRF. 67th Annual Meeting of the Southeastern Archaeological Conference, Lexington, Kentucky, October 27-30.
 293. **Tykot, R.H.** & J. Balen. 2010. Prehistoric Obsidian Trade Between Central Europe and Croatia. 16th Annual Meeting of the European Association of Archaeologists, The Hague, The Netherlands, August 31-September 5.
 292. **Tykot, R.H.** 2010. Non-Destructive Portable XRF for Elemental Analysis of Obsidian, Metals, Ceramics, and Other Archaeological Materials. Delft, The Netherlands. August 31.
 291. **Tykot, R.H.** & R.D. Bowers. 2010. Analysis of Peruvian Metal Artifacts in the Orlando Museum of Art. 38th International Symposium on Archaeometry, Tampa, Florida, May 10-14.

290. **Tykot, R.H.** & R.D. Bowers. 2010. Composition of Bronze and Other Metal Artifacts in the Tampa Museum of Art. 38th International Symposium on Archaeometry, Tampa, Florida, May 10-14.
289. **Tykot, R.H.**, K. Brown, R. Whitehouse. 2010. Sources of Obsidian Used in the Tavoliere, Italy. 38th International Symposium on Archaeometry, Tampa, Florida, May 10-14.
288. **Tykot, R.H.**, J. DuVernay, N. White, K. Cogswell, L. Rosado, A. Robinson, S. Parker. 2010. Using Non-Destructive XRF Analysis for Sourcing of Southeastern U.S. Ceramics. 38th International Symposium on Archaeometry, Tampa, Florida, May 10-14.
287. **Tykot, R.H.**, E. Keister, A. Bear, E.C. Wells, K. Rothenberg. 2010. Experimental Analysis of Archaeological Soils from Honduras Using Portable X-Ray Fluorescence Spectrometry. 38th International Symposium on Archaeometry, Tampa, Florida, May 10-14.
286. **Tykot, R.H.**, F. Laga & M. Williamson. 2010. Establishing a Sourcing Database for Non-Destructive X-Ray Fluorescence Analysis of Sardinia Obsidian. 38th International Symposium on Archaeometry, Tampa, Florida, May 10-14.
285. **Tykot, R.H.** & D.H. Trump. 2010. Subsource Specific Sourcing of Skorba (Malta) Obsidian. 38th International Symposium on Archaeometry, Tampa, Florida, May 10-14.
284. **Tykot, R.H.**, J. Turner, R. Lotfi, M. Miller, J.J. Herrmann, Jr., A. van den Hoek. 2010. Analysis of Potential Marble from North Africa. 38th International Symposium on Archaeometry, Tampa, Florida, May 10-14.
283. Amman, M.G., O.J. Mendonça, N.I. Merlo, M.A. Bordach & R.H. Tykot. 2010. $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Values from Quebrada de Humahuaca and Puna (Jujuy, NW Argentina). Paleodietary Implications. 38th International Symposium on Archaeometry, Tampa, Florida, May 10-14.
282. Waterman, A.J., A.M. Silva & **R.H. Tykot**. Stable Isotopic Indicators of Diet from Two Late Prehistoric Burial Sites in Portugal: An Investigation of Dietary Evidence of Social Differentiation. 38th International Symposium on Archaeometry, Tampa, Florida, May 10-14.
281. **Tykot, R.H.**, E. Podrug & D. Komšo. 2010. The Spread of Obsidian in the Adriatic during the Neolithic: New Evidence from Dalmatia and Istria. 75th Annual Meeting of the Society for American Archaeology, St. Louis, Missouri, April 14-18.
280. Freund, K.P. & **R.H. Tykot**. 2010. Lithic Technology and Obsidian Exchange Networks in Bronze Age Nuragic Sardinia (Italy). 75th Annual Meeting of the Society for American Archaeology, St. Louis, Missouri, April 14-18. Winner of International Association of Obsidian Studies Student Poster Award.
279. Hays, C.T., J.B. Stoltman, **R.H. Tykot** & R.A. Weinstein. 2010. Investigating the Exchange of Poverty Point Objects and Pottery in the Poverty Point Culture Using X-Ray Fluorescence and Petrographic Thin Sectioning. 75th Annual Meeting of the Society for American Archaeology, St. Louis, Missouri, April 14-18.
278. **Tykot, R.H.** 2010. Discussant, for session Social Archaeometry: Promise and Prospects in the Anthropological Sciences. 75th Annual Meeting of the Society for American Archaeology, St. Louis, Missouri, April 14-18.
277. **Tykot, R.H.** 2010. Discussant, for panel Quiet Crisis in American Archaeology. 75th Annual Meeting of the Society for American Archaeology, St. Louis, Missouri, April 14-18.
276. Waterman, A. & **R.H. Tykot**. 2010. Evidence of Dietary Variability and Breadth at Los Millares (Almeria, Spain) based on Stable Isotope Analysis of Human Remains. 75th Annual Meeting of the Society for American Archaeology, St. Louis, Missouri, April 14-18.
275. Wedebroek, J., O.J. Mendonça, **R.H. Tykot**. 2010. Human Bone Isotope Diet Analysis (Argentina). 8th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 1.
274. Keister, E., A. Bear, K. Rothenberg, E.C. Wells & **R.H. Tykot**. 2010. Experimental Analysis of Archaeological Soils from Honduras Using Portable X-Ray Fluorescence Spectrometry. 8th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 1.

273. Lotfi, R., J. Turner, M. Miller, J.J. Herrmann, Jr., A. van den Hoek & **R.H. Tykot**. 2010. Analysis of Potential Marble from North Africa. 8th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 1.
272. Williamson, M., F. Laga & **R.H. Tykot**. 2010. Establishing a Sourcing Database for Non-Destructive X-Ray Fluorescence Analysis of Sardinia Obsidian. 8th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 1.
271. Cogswell, K., L. Rosado, A. Robinson, S. Parker, J. DuVernay, N. White & **R.H. Tykot**. 2010. Using Non-Destructive XRF Analysis for Sourcing of Southeastern U.S. Ceramics. 8th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 1.
- *270. **Tykot, R.H.**, S. Stoddart, C. Malone, D.S. Trump & A. Bonanno. 2010. Analysis of Obsidian from the Brochtorff Circle (Malta): Contacts and Trade in the Central Mediterranean Islands. 111th Annual Meeting of the Archaeological Institute of America, Anaheim, CA, January 6-9. Abstract published in *Archaeological Institute of America 111th Annual Meeting Abstracts* 33: 23.
- *269. “Le tombe megalitiche nuragiche A e B di Sa Sedda 'e sa Caudela (Collinas - CA)” (E. Atzeni, A. Usai, P. Bellintani, O. Fonzo, L. Lai, **R. Tykot**, T. Setzer, R. Congiu & S. Simbula), XLIV Riunione Scientifica dell'Istituto Italiano di Preistoria e Protostoria, La Preistoria e Protostoria della Sardegna, Cagliari, Italy, November 23-28, 2009. Abstract published in *Atti della XLIV Riunione Scientifica. La Preistoria e Protostoria della Sardegna*, Firenze, 2009. ISBN 978-88-6045-054-8
268. “Importation, Display, and Messages of the Marble Statues from the Roman Theater in Amman” (E.A. Friedland & **R.H. Tykot**), Annual Meeting of the American Schools of Oriental Research, New Orleans, LA, November 18-21, 2009.
267. “Investigating Connections between Poverty Point and Eastern Florida Using X-Ray Fluorescence Spectrometry: A Preliminary Report” (C. Hays, **R.H. Tykot** & R. Weinstein), 66th Annual Meeting of the Southeastern Archaeological Conference, Mobile, AL, November 4-7, 2009.
266. “Los análisis de ¹⁸O en poblaciones prehispánicas de Chile central y su potencial para determinar procedencias” (F. Falabella, E. Aspillaga, L. Sanhueza & **R.H. Tykot**), XVIII Congreso Nacional de Arqueología Chilena, Valparaíso, Chile, October 5-9, 2009.
265. “Early Neolithic Obsidian from the Coastal Site of Santa Caterina di Pittinuri (Sardinia),” Archaeological Sciences of the Americas Symposium 2009, Tampa, Florida, October 1-4, 2009.
264. “Statistical Evaluation of Obsidian Use Patterns Between and Within Archaeological Sites: Analyses of Large Numbers of Artifacts in Sardinia and Elsewhere in Italy,” International Workshop on Obsidian in the Mediterranean, Athens, Greece, September 26, 2009.
263. “Preliminary Report on Excavations at Monte Belvedere (Fiumedinisi, Sicily)” (**R. Tykot**, R. Bowers, K. Brown, L. Kahn, M. Markovics, A. Vianello, P. Villari, J. Wissinger), 15th Annual Meeting of the European Association of Archaeologists, Riva del Garda, Italy, September 15-20, 2009.
262. “Obsidian Artifacts at Nuraghe Ortu Còmidu (Sardara, Sardinia): Sourcing Analysis and Socioeconomic Interpretations” (**R.H. Tykot** & K.P. Freund), 15th Annual Meeting of the European Association of Archaeologists, Riva del Garda, Italy, September 15-20, 2009.
261. “Stable Isotope Analysis and Prehistoric Italian Diet: Why was seafood not a staple?” 15th Annual Meeting of the European Association of Archaeologists, Riva del Garda, Italy, September 15-20, 2009.
260. “Non-Destructive Elemental Fingerprinting of Obsidian and Other Lithic Materials Using a Portable X-Ray Fluorescence Spectrometer”, ASMOSIA IX. Interdisciplinary Studies on Ancient Stone, Tarragona, Spain, June 8-13, 2009.
259. “Alabastro a Pecorella, Aïn Tekbalet, and Bou Hanifia, Algeria” (A. van den Hoek, J.J. Herrmann, Jr. & **R.H. Tykot**), ASMOSIA IX. Interdisciplinary Studies on Ancient Stone, Tarragona, Spain, June 8-13, 2009.

258. "On the Ephesian Origin of the Greco Scritto Marble" (D. Attanasio, M. Bruno, A.B. Yavuz, J.J. Herrmann, Jr., **R.H. Tykot** & A. van den Hoek), ASMOSIA IX. Interdisciplinary Studies on Ancient Stone, Tarragona, Spain, June 8-13, 2009.
257. "Survey and Analysis of Marble Quarry Sources in Algeria" (**R.H. Tykot**, J.J. Herrmann, Jr. & A. van den Hoek), ASMOSIA IX. Interdisciplinary Studies on Ancient Stone, Tarragona, Spain, June 8-13, 2009.
256. "On the Exploitation of Marble from Cap De Garde, Algeria" (J.J. Herrmann, Jr., D. Attanasio, **R.H. Tykot** & A. van den Hoek), ASMOSIA IX. Interdisciplinary Studies on Ancient Stone, Tarragona, Spain, June 8-13, 2009.
255. "Quarry Origins of the Marble Sculptures from the Roman Theater in Philadelphia/Amman, Jordan" (E.A. Friedland & **R.H. Tykot**), ASMOSIA IX. Interdisciplinary Studies on Ancient Stone, Tarragona, Spain, June 8-13, 2009.
254. "Magnetic Fingerprinting of Central Mediterranean Obsidian Source Groups" (I. Weaver, R. Sternberg & **R.H. Tykot**), American Geophysical Union, 2009 Joint Assembly (The Meeting of the Americas), 24–27 May 2009, Toronto, Ontario, Canada.
253. "Mike's Multiple Methods at MURR for Mediterranean Obsidian Sourcing," invited speaker for Fryxell Award, 74th Annual Meeting of the Society for American Archaeology, Atlanta, GA, April 22-26, 2009.
252. "Source Analysis of Obsidian from San Bartolo and Xultun, Guatemala by X-Ray Fluorescence" (J. Dobereiner, W. Saturno & **R.H. Tykot**), 74th Annual Meeting of the Society for American Archaeology, Atlanta, GA, April 22-26, 2009.
251. Discussant for session Sourcing Techniques in Archaeology, 74th Annual Meeting of the Society for American Archaeology, Atlanta, GA, April 22-26, 2009.
250. "The Ancient Roman Diet: Using Stable Isotope Analysis of Human Bones to Determine Diets of Imperial Romans" (E. Helmrich, K. Killgrove & **R.H. Tykot**), 7th Annual Undergraduate Research Symposium, University of South Florida, Tampa, April 3, 2009.
249. "Non-Destructive Portable X-Ray Fluorescence Analysis" (**R.H. Tykot** & R.D. Bowers), 58th Annual Meeting, Southeastern Section, Geological Society of America, St. Petersburg, Florida, March 12, 2009.
- *248. "Bronze Age Obsidian Trade in Sardinia (Italy): The Use of Monte Arci Subsources at Duos Nuraghes and Other Sites" (**R.H. Tykot** & K.P. Freund), 110th Annual Meeting of the Archaeological Institute of America, Philadelphia, PA, January 8-11, 2009. Abstract published in *Archaeological Institute of America 110th Annual Meeting Abstracts* 32: 41.
247. Lai, L., O. Fonzo, **R.H. Tykot**, E. Goddard, D. Hollander. 2008. Le due comunità di Scaba 'e Arriu (Siddi): clima e risorse alimentari nella Sardegna del III millennio a.C. indagate tramite analisi isotopiche di tessuti ossei. Studio antropologico dei reperti umani. Istituto Italiano di Preistoria e Protostoria XLIII Riunione Scientifica. L'età del Rame in Italia, Bologna 26-29 novembre.
- *246. "Portable XRF Analysis and Identification of Obsidian Subsources and Trade in the Central Mediterranean," 14th Annual Meeting of the European Association of Archaeologists, Malta, September 16-21, 2008. Abstract published in *European Association of Archaeologists, 14th Annual Meeting, 16th-21st September 2008, University of Malta*. Abstract published in *Abstracts Book*, ed. N.C. Vella, pp. 188-189. PEG: San Gwann, Malta. ISBN 978-99909-59-04-8.
245. "Sourcing of Obsidian Artifacts from Oristano Province Using Portable XRF," Vth International Conference on Monte Arci Obsidian in the Mediterranean, Advances in the Studies of Diffusion, Production Systems, and Their Technology, Pau (Italy), June 27-29, 2008.
244. "Considering the Source: The Importance of Raw Material Characterization and Provenance in Obsidian Use-Wear Studies" (T.J. Setzer & **R.H. Tykot**), Vth International Conference on Monte Arci Obsidian in the Mediterranean, Advances in the Studies of Diffusion, Production Systems, and Their Technology, Pau (Italy), June 27-29, 2008.

243. "Obsidian Sourcing Using Non-Destructive Portable XRF: Analyses of Prehistoric Italian Artifacts from Collections in the Museo Preistorico-Etnografico 'Luigi Pigorini'," 37th International Symposium on Archaeometry, Siena, Italy, May 12-16, 2008.
242. "Chemical Analysis of Hair Segments and Short-Term Dietary Variation: Results for the Ancient Site of Chongos (Peru)" (R.H. Tykot, A. Metroka, M. Dietz, R.A. Bergfield), 37th International Symposium on Archaeometry, Siena, Italy, May 12-16, 2008.
241. "Intra-Site Obsidian Subsource Patterns at Contraguda, Sardinia" (R.H. Tykot, L. Lai, T.J. Setzer, C. Tozzi), 37th International Symposium on Archaeometry, Siena, Italy, May 12-16, 2008.
240. "Understanding the Interplay of Climate Change and People's Agency in the Past: the Perspective of Isotopic Analyses on Prehistoric Sardinia" (L. Lai, R.H. Tykot, E. Goddard, D. Hollander, J.F. Beckett, R. Floris, O. Fonzo, E. Usai, M.R. Manunza), 37th International Symposium on Archaeometry, Siena, Italy, May 12-16, 2008.
239. "Explorando tendencias temporales en el uso del espacio y los recursos marinos en el golfo San Matías (Río Negro)" (C.M. Favier Dubois, F. Borella, R.H. Tykot & L.M. Manzi), VII Jornadas de Arqueología de la Patagonia, Ushuaia, April 2008.
238. "Obsidian Trade in Northern Italy," 73rd Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 26-30, 2008.
237. "Obsidian Subsources on Pantelleria (Italy)" (E. Tufano, S. Tusa, R.H. Tykot, B. Vargo & M. Tosi), 73rd Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 26-30, 2008.
236. "Isotopic Insight into Middle Horizon Urbanism: Dietary Resource Distribution and Residential Mobility at Tiwanaku" (C.A. Berryman, K.J. Knudsen, D.E. Blom & R.H. Tykot), in session Advances in Andean Isotopic Research: Movement and Subsistence through Space and Time (organizers B. Hewitt, N. Slovak & B. Turner), 73rd Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 26-30, 2008.
235. Invited Discussant for symposium "The Minds Behind the Metal: Accessing Past Metallurgical Experience," 73rd Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 26-30, 2008.
234. "Sourcing by X-ray Fluorescence (XRF) and Demonstration of a Portable XRF Spectrometer" (B. Kaiser & R.H. Tykot), SAA Obsidian Studies Workshop, 73rd Annual Meeting of the Society for American Archaeology, Vancouver, Canada, March 26-30, 2008.
233. "Le ossa raccontano: il tempo, il cibo e la società della comunità preistorica sepolta a Scaba 'e Arriu" (L. Lai, O. Fonzo, R. Tykot, E. Goddard & D. Hollander), Scaba 'e Arriu di Siddi: una finestra sulla vita e società di una comunità preistorica, organized by the Comune di Siddi and the Cultural Society Itzokor (Cagliari), Siddi, Italy, March 15, 2008.
232. "Distinguishing Obsidian Subsources and Reconstructing Exchange Patterns in the Central Mediterranean", International Specialized Workshop on The Dating and Provenance of Obsidian and Ancient Manufactured Glasses, Delphi, Greece, 21-24 Feb., 2008.
- *231. "Maritime Activities in the Mediterranean: Wasn't Something Fishy Going On?," 109th Annual Meeting of the Archaeological Institute of America, Chicago, Illinois, January 3-6, 2008. Abstract published in *Archaeological Institute of America 109th Annual Meeting Abstracts* 31: 152-153.
- *230. "A Biochemical Perspective on Diet in Sardinian Prehistory" (L. Lai, R.H. Tykot, J.F. Beckett, R. Floris, E. Usai, O. Fonzo, E. Goddard & D.H. Hollander), 109th Annual Meeting of the Archaeological Institute of America, Chicago, Illinois, January 3-6, 2008. Abstract published in *Archaeological Institute of America 109th Annual Meeting Abstracts* 31: 153.
229. "Obsidian Subsources Utilized at Sites in Southern Sardinia (Italy)" (R.H. Tykot, M.D. Glascock, R.J. Speakman & E. Atzeni), Materials Research Society Fall Meeting, symposium Materials Issues in Art and Archaeology VIII, Boston, MA, November 26-30, 2007.
228. "Nutrizione ed economia nella Sardegna del Sudovest tra il neolitico recente e il medioevo: primi dati isotopici" (L. Lai, R.H. Tykot, J.F. Beckett, R. Floris, L. Alba, R. Forresu, E.

- Goddard & D.J. Hollander), XVII Congresso dell'Associazione Antropologica Italiana, Cagliari, Italy, September 26-29, 2007.
227. "Obsidian Finds on the Fringes of the Central Mediterranean: Exotic or Eccentric Exchange?", 13th Annual Meeting of the European Association of Archaeologists, Zadar, Croatia, September 18-23, 2007.
 226. "Around and Across the Adriatic: Obsidian Trade from the Tyrrhenian to Trieste", 13th Annual Meeting of the European Association of Archaeologists, Zadar, Croatia, September 18-23, 2007.
 225. Discussant for round table, "Keep Walking on the Wild Side"(P. Villari, organizer), 13th Annual Meeting of the European Association of Archaeologists, Zadar, Croatia, September 18-23, 2007.
 224. "Reconstructing Prehistoric Diets in The Bahamas" (M. Pateman & **R.H. Tykot**), 22nd Congress of the International Association for Caribbean Archaeology, Kingston, Jamaica, July 23-29, 2007.
 223. "Experimental Archaeology: A Preliminary Study of Portable XRF Analysis of Obsidian Subsources" (L.G. Beyer & **R.H. Tykot**), 72nd Annual Meeting of the Society for American Archaeology, Austin, Texas, April 25-29, 2007.
 222. "Stable Isotope Analysis and Ancient Diets: They Are What They Ate," 72nd Annual Meeting of the Society for American Archaeology, Austin, Texas, April 25-29, 2007.
 221. "Reconstructing Pueblo Diets in the Middle San Juan River, New Mexico through Stable Isotope Analysis" (B.R. DeBoer & **R.H. Tykot**), 72nd Annual Meeting of the Society for American Archaeology, Austin, Texas, April 25-29, 2007.
 220. "Paleodietary Insight into the Rise of the State in the Southern Titicaca Basin: The View from Khonkho Wankane" (C.A. Berryman, D.E. Blom & **R.H. Tykot**), 72nd Annual Meeting of the Society for American Archaeology, Austin, Texas, April 25-29, 2007.
 219. Discussant for session "Xenophile: The Allure of the Exotic," 72nd Annual Meeting of the Society for American Archaeology, Austin, Texas, April 25-29, 2007.
 - *218. "Early Neolithic Obsidian Trade in Sardinia: The Coastal Site of Santa Caterina di Pittinuri (Cuglieri - OR)" (**R.H. Tykot**, P. Karellas & C. Tozzi), 108th Annual Meeting of the Archaeological Institute of America, San Diego, California, January 4-7, 2007. Abstract published in *Archaeological Institute of America 108th Annual Meeting Abstracts* 30: 41.
 - *217. "Diet and Society in Early Bronze Age Sardinia: An Isotopic Portrait of Two Communities" (L. Lai, **R.H. Tykot**, J.F. Beckett, O. Fonzo, E. Usai, M.R. Manunza, E. Goddard & D. Hollander), 108th Annual Meeting of the Archaeological Institute of America, San Diego, California, January 4-7, 2007. Abstract published in *Archaeological Institute of America 108th Annual Meeting Abstracts* 30: 37.
 216. "Sex, Status and Stable Isotopes in South America," Archaeological Sciences of the Americas Symposium 2006, Tucson, Arizona, September 13-16, 2006.
 215. "A Panorama of Dietary Adaptations in Southern America Using Stable Isotope Analysis," XVth Congress of the International Union for Prehistoric and Protohistoric Sciences, Lisboa, Portugal, September 4-9, 2006.
 214. "A Preliminary Report on the Survey and Excavations (2002-2006) of the Obsidian Workshop at Sennixeddu (Sardinia, Italy)" (**R.H. Tykot**, C. Lugliè, T. Setzer & G. Tanda), XVth Congress of the International Union for Prehistoric and Protohistoric Sciences, Lisboa, Portugal, September 4-9, 2006.
 213. "Sources and Trade of Obsidian from Lipari (Aeolian Islands, Italy)" (**R.H. Tykot**, L. Beyer, M. Glascock & J. Speakman), XVth Congress of the International Union for Prehistoric and Protohistoric Sciences, Lisboa, Portugal, September 4-9, 2006.
 212. "Parian Marble in Early Christian Times" (A. van den Hoek, J.J. Herrmann, Jr. & **R.H. Tykot**), ASMOSIA VIII, Aix-en-Provence, France, June 12-18, 2006.
 211. "Neo-Attic Ornament, the Attic Tradition at Rome, Pentelic Marble, and Isotopic Testing" (J.J. Herrmann, Jr. & **R.H. Tykot**), ASMOSIA VIII, Aix-en-Provence, France, June 12-18, 2006.

210. "Preliminary Studies on Algerian White and Gray Marbles" (**R.H. Tykot**, John J. Herrmann, Jr. & A. van den Hoek), ASMOSIA VIII, Aix-en-Provence, France, June 12-18, 2006.
209. "Isotope Analyses of Marble from the MFA, Boston: Sources Used in Assos and for Roman Portraits from Central Italy" (**R.H. Tykot** & J.J. Herrmann, Jr.), ASMOSIA VIII, Aix-en-Provence, France, June 12-18, 2006.
208. "From Pantelleria to Provence: The *Chaîne Opératoire* for Obsidian in the Neolithic Central Mediterranean," ASMOSIA VIII, Aix-en-Provence, France, June 12-18, 2006.
207. "Variabilidad Isotópica Regional y Dieta Humana en el Centro Occidente Argentino" (G. Neme, A. Gil, **R.H. Tykot** & N. Shelnut), Arqueología e Isótopos Estables en el Sur de Sudamérica. Discusión e Integración de Resultados, Malargüe, Mendoza, Argentina, May 22-24, 2006.
206. "Reconstrucción de Dieta con Isótopos Estables: Problemas Interpretativos Derivados de la Aplicación de Diferentes Modelos de Fraccionamiento Isotópico" (F. Falabella, M.T. Planella, E. Aspillaga, L. Sanhueza & **R.H. Tykot**), Arqueología e Isótopos Estables en el Sur de Sudamérica. Discusión e Integración de Resultados, Malargüe, Mendoza, Argentina, May 22-24, 2006.
205. "Stable Isotope Studies in South America", Arqueología e Isótopos Estables en el Sur de Sudamérica. Discusión e Integración de Resultados, Malargüe, Mendoza, Argentina, May 22-24, 2006.
204. "Dietary and Political Change at the Regional Center of Cerro Oreja in the Moche Valley, Northern Peru" (**R.H. Tykot** & C. Gagnon), 36th International Symposium on Archaeometry, Quebec City, Canada, May 2-6, 2006.
203. "Usage of Obsidian Subsources on Pantelleria, Italy" (**R.H. Tykot**, B. Vargo, M. Tosi, M. Glascock & J. Speakman), 36th International Symposium on Archaeometry, Quebec City, Canada, May 2-6, 2006.
202. "The Contribution of Bone Chemistry Studies to Reconstructing Ancient Diets on the Inca Frontier: New Data from Coastal, Inland, and Andean Highland sites in Chile and Argentina" (**R.H. Tykot**, E. Aspillaga, F. Falabella, A. Gil J. Gomez-Otero & G. Politis), 36th International Symposium on Archaeometry, Quebec City, Canada, May 2-6, 2006.
- *201. "Surveying and Excavating a Prehistoric Obsidian Workshop in Sardinia (Italy): Studying the *Chaîne Opératoire*" (**R.H. Tykot**, C. Lugliè, T. Setzer, G. Tanda & R.W. Webb), 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, April 26-30, 2006. Abstract published in *IAOS Bulletin* 35 (2006): 9.
200. Quarries, Mines, Workshops and Factories: Standardizing Nomenclature for the Archaeological Community, Working Group, 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, April 26-30, 2006.
199. "Reconstructing the Diets of the Lucayan Taino People (Bahamas)" (M. Pateman & **R.H. Tykot**), 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, April 26-30, 2006.
- *198. "The Prehistoric Sources of Obsidian on the Island of Lipari, Italy: Preliminary Results Using LA-ICP-MS" (L. Beyer & **R.H. Tykot**), 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, April 26-30, 2006. Abstract published in *IAOS Bulletin* 35 (2006): 7.
197. "Phytolith Analysis of Ceramics from Liangchengzhen, Shandong, China" (R.D. Bowers, **R.H. Tykot**, R. Lanehart, A. Underhill, F. Luan & H. Fang), 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, April 26-30, 2006.
196. "Regional Stable Isotope Value Variability in West-Central/North Patagonia (Argentina)" (A.F. Gil, G.A. Neme, **R.H. Tykot** & N. Shelnut), 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, April 26-30, 2006.
195. "Paleodiets and the Tiwanaku State: A Bioarchaeological Assessment of Exchange Networks and State Formation Processes" (C.A. Berryman, D.E. Blom, P. Tomczak & **R.H. Tykot**), 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, April 26-30, 2006.

194. "The Use of Maize in Peninsular Florida: Stable Isotope Analysis" (J.A. Kelly, **R. Tykot** & J.T. Milanich), 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico, April 26-30, 2006.
193. "Stable Isotope Analysis and the Importance of Maize in South America," 231st American Chemical Society National Meeting, Atlanta, Georgia, March 26-30, 2006.
192. "Obsidian Sourcing in the Mediterranean: The Advantages and Disadvantages of Various Methods of Analysis for Archaeological Studies," 231st American Chemical Society National Meeting, Atlanta, Georgia, March 26-30, 2006.
191. "Interpreting stable isotopic analyses: Case studies on prehistoric Sardinia" (L. Lai & **R.H. Tykot**), 231st American Chemical Society National Meeting, Atlanta, Georgia, March 26-30, 2006.
190. "Exploring Prehistoric Mediterranean Diet through Stable Isotopes: Case Studies from Mainland Italy and Sardinia" (**R.H. Tykot** & L. Lai), Diet and Migration in Mediterranean Prehistory: A Methodological Reappraisal, Università di Roma 'La Sapienza', Italy, March 10, 2006.
- *189. "Results of the Second Season of Survey and Excavation of the Neolithic Obsidian Workshop at Sennixeddu, Sardinia" (**R.H. Tykot**, C. Lugliè, T. Setzer, G. Tanda & R.W. Webb), 107th Annual Meeting of the Archaeological Institute of America, Montreal, Jan. 5-8, 2006. Abstract published in *Archaeological Institute of America 107th Annual Meeting Abstracts* 29: 59-60.
188. "Stable Isotope Analysis Suggests Early Use of Maize in Central Florida" (J.A. Kelly, **R.H. Tykot** & J. Milanich), The 2005 Meeting of the Southeastern Archaeological Conference, Columbia, South Carolina, November 2-6, 2005.
187. "Studying the *Chaîne Opératoire* for Neolithic Obsidian: Survey and Excavation at Sennixeddu, Sardinia" (**R.H. Tykot**, C. Lugliè, T. Setzer, G. Tanda & R.W. Webb), Central Mediterranean Prehistory Workshop, Manchester, England, Nov. 2, 2005.
186. "Prehistoric Subsistence Patterns in the Central Mediterranean: Some Contributions from Stable Isotope Analysis" (**R.H. Tykot**, J.E. Robb & L. Lai), Central Mediterranean Prehistory Workshop, Manchester, England, Nov. 2, 2005.
- *185. "Variabilidad Dietaria a Través del Tiempo en la Costa Centro-Septentrional de Patagonia y Valle Inferior del Río Chubut: Nuevos Datos Isotópicos" (J. Gómez Otero, **R.H. Tykot** & N. Falk), Simposio Arqueología y Biogeografía. Diferentes escalas de análisis y líneas de evidencias, Punta Arenas (Chile), 24 al 28 de Octubre de 2005. Abstract published in *Programa y Resúmenes de las Sextas Jornadas de Arqueología de la Patagonia*, pp. 52-53.
184. "Presence of *Mycobacterium tuberculosis* complex DNA at the Crystal River archaeological site: initial findings" (R. Lanehart, R. Tykot, J. Kelly, N. Falk, H. D. Donoghue, M. Spigelman, K. Vernon & D. Himmelgreen), 1st Paleopathology Association South American Meeting, Rio De Janeiro, Brazil, July 27-29, 2005.
183. "Prehistoric Obsidian Trade in Central-Northern Italy: Artifact Analyses from the Late Neolithic Site of Poggio Olivastro (Canino-Viterbo)" (**R.H. Tykot**, G.M. Bulgarelli, R.J. Speakman & M. Glascock), 35th International Symposium on Archaeometry, Beijing, China, May 10-15, 2005.
182. "Dietary Adaptations During the Longshan Period in Shandong, China" (R.E. Lanehart, **R.H. Tykot**, A.P. Underhill, G. Feinman, L. Nicholas, F. Luan, H. Yu, & G. Cai), 35th International Symposium on Archaeometry, Beijing, China, May 10-15, 2005.
181. "Assessing Ancient Agriculture in Central Chile: Comparing Coastal and Inland Sites, and the Importance of Maize, thru Bone Chemistry" (**R.H. Tykot**, F. Falabella, E. Aspillaga, M. Planella & L. Sanhueza), 70th Annual Meeting of the Society for American Archaeology, Salt Lake City, Utah, March 30-April 3, 2005.
- *180. "Source Analysis of Obsidian Artifacts from Pantelleria (Italy) and Tunisia," (B. Vargo, **R.H. Tykot**, M. Glascock & R.J. Speakman), 70th Annual Meeting of the Society for American Archaeology, Salt Lake City, Utah, March 30-April 3, 2005. Abstract published in *International Association for Obsidian Studies Bulletin* 33 (2005): 14.

179. "Stable Isotope Analysis of Hair and Soft Tissues from Prehistoric Argentina," (N. Shelnut, **R.H. Tykot**, A. Gil & G. Neme), 70th Annual Meeting of the Society for American Archaeology, Salt Lake City, Utah, March 30-April 3, 2005.
- *178. "Obsidian Use During the Bronze Age: An Experimental Study of Obsidian Artifacts from Duos Nuraghes, Sardinia (Italy)," (T. Setzer, **R.H. Tykot** & G.S. Webster), 70th Annual Meeting of the Society for American Archaeology, Salt Lake City, Utah, March 30-April 3, 2005. Abstract published in *International Association for Obsidian Studies Bulletin* 33 (2005): 13.
177. Invited Discussant for symposium "Crossing the Straits: Prehistoric Obsidian Source Exploitation in the Pacific Rim," 70th Annual Meeting of the Society for American Archaeology, Salt Lake City, Utah, March 30-April 3, 2005.
- *176. "Magnetic Properties of Central Mediterranean Obsidians: an Archaeological Fingerprint?" (I. Weaver, R. Sternberg & **R.H. Tykot**), Geological Society of America Northeastern Section - 40th Annual Meeting, Saratoga Springs, New York, March 14-16, 2005. *GSA Abstracts with Programs* 37(1).
175. "Stable Isotopes and Diet in Mesoamerica," Southeast Conference on Mesoamerican Archaeology and Ethnohistory, University of South Florida, Tampa, Florida, February 12, 2005.
- *174. "Prehistoric Dietary Adaptations on Mediterranean Islands and in Mainland Coastal Areas: New Data from Bone Chemistry Studies" (**R.H. Tykot** & L. Lai), 106th Annual Meeting of the Archaeological Institute of America, Boston, Massachusetts, January 2005. Abstract published in *Archaeological Institute of America 106th Annual Meeting Abstracts* 28: 49-50.
- *173. "Use-Wear Analysis of Obsidian from a Nuragic Site in Sardinia: Interpreting Changes of Bronze Age Tool Function at Duos Nuraghes" (T.J. Setzer, **R.H. Tykot** & G.S. Webster), 106th Annual Meeting of the Archaeological Institute of America, Boston, Massachusetts, January 2005. Abstract published in *Archaeological Institute of America 106th Annual Meeting Abstracts* 28: 42.
172. "Sources and Trade of Obsidian in Corsica (France)," Materials Research Society, Boston, Massachusetts, Nov. 29-Dec. 3, 2004.
171. "Nuovi risultati sulla provenienza dell'ossidiana dal sito neolitico recente di Contraguda (Sardegna)" (L. Lai, **R.H. Tykot**, C. Tozzi), XXXIX Riunione Scientifica dell'Istituto Italiano di Preistoria e Protostoria. Materie prime e scambi nella Preistoria italiana, Firenze, 25-27 novembre 2004.
170. "Ossidiana da Lipari: le fonti, la distribuzione, la tipologia, e le tracce d'usura" (**R.H. Tykot**, M.R. Iovino, M.C. Martinelli, L. Beyer), XXXIX Riunione Scientifica dell'Istituto Italiano di Preistoria e Protostoria, Firenze, 25-27 novembre 2004.
169. "The magnetic fingerprinting of central Mediterranean obsidians" (I. Weaver, R. Sternberg & **R.H. Tykot**), Franklin & Marshall Autumn Research Fair, Lancaster, Pennsylvania, November 5, 2004.
168. "Ecología isotópica y Dieta: valores para recursos del centro occidente argentino e implicancias para el estudio de la dispersión prehispánica del maíz" (A. Gil, G. Neme & **R.H. Tykot**), II Reunión Binacional de Ecología, XXI Reunión Argentina de Ecología, XI Reunión de la Sociedad de Ecología de Chile, Mendoza, Argentina, 31 de octubre al 5 de noviembre de 2004.
167. "The Ancient Trade in Mediterranean Black Gold: Scientific Applications in Obsidian Sourcing," Archaeological Sciences of the Americas, Tucson, Arizona, September 23-26, 2004.
166. "The Spread of Maize in Peninsular Florida: Stable Isotope Results for Pre-Contact Sites" (J.A. Kelly, **R.H. Tykot** & J.T. Milanich), Archaeological Sciences of the Americas, Tucson, Arizona, September 23-26, 2004.
165. "Dietary Changes in Sardinian Prehistory Revealed by Isotopic Analyses of Bone Tissue and Tooth Enamel" (L. Lai & **R.H. Tykot**), Archaeological Sciences of the Americas, Tucson, Arizona, September 23-26, 2004.

164. "Laser Ablation ICP-MS Characterization of Archaeological Materials for Provenance-Based Research" (R.J. Speakman, M.D. Glascock, C. Descantes, **R.H. Tykot**, J.J. Thatcher, C.E. Skinner, K.M. Lienhop & B.J. Higgins), Archaeological Sciences of the Americas, Tucson, Arizona, September 23-26, 2004.
- *163. "Isótopos estables y Dieta en el centro oeste Argentino: recientes datos obtenidos sobre muestras humanas de San Juan" (N. Shelnut, A. Gil, **R.H. Tykot**, C.T. Michieli, M. Gambier & G. Neme), XV Congreso Nacional de Arqueología Argentina: Arqueología e Integración Conceptual. Fronteras del Conocimiento, September 20-25, 2004. Abstract published in *XV Congreso Nacional de Arqueología Argentina* (coordinated by M. Tamagnini & O. Mendonça), Universidad Nacional de Rio Cuarto, p. 223, 2004. ISBN 950-665-281-3
162. "Coastal and Inland Diet in Late Neolithic Sardinia: First Data from Stable Isotopes" (L. Lai, **R.H. Tykot**, A. Doying), European Association of Archaeologists 10th Annual Meeting, Lyon, France, September 8-12, 2004.
161. Central Mediterranean Obsidian Trade: Following the Chaîne Opératoire (Invited Speaker), Obsidian Summit International Workshop, Tokyo, Japan, September 1-8, 2004.
160. "Obsidian Sources and Trade in the Central Mediterranean," 34th International Symposium on Archaeometry, Zaragoza, Spain, May 3-7, 2004.
159. "Dietary Change in Prehistoric Sardinia (Italy): Results of Stable Isotope Analyses of Human Skeletal Tissues" (L. Lai & **R.H. Tykot**), 34th International Symposium on Archaeometry, Zaragoza, Spain, May 3-7, 2004.
158. "Detailed Dietary Determination in the Inca World: Isotopic Analysis of Mummified Humans from Northwestern Argentina" (**R.H. Tykot**, N. Shelnut & A. Gil), 34th International Symposium on Archaeometry, Zaragoza, Spain, May 3-7, 2004.
157. "Stable Isotope Analysis and Dietary Adaptations During the Longshan Period in Shandong China: Preliminary Results from Liangchengzhen" (R.E. Lanehart, **R.H. Tykot**, A.P. Underhill, G. Feinman, L. Nicholas, F. Luan, H. Yu, & G. Cai), 34th International Symposium on Archaeometry, Zaragoza, Spain, May 3-7, 2004.
156. "Combining Obsidian Provenance and Use-wear Studies: An Analysis of Artifacts from the Late Neolithic Site of Contraguda, Sardinia" (T.J. Setzer, **R.H. Tykot** & C. Tozzi), 34th International Symposium on Archaeometry, Zaragoza, Spain, May 3-7, 2004.
- *155. "Isotopic analysis of mummified human remains from northwestern Argentina: a dietary reconstruction" (N. Shelnut, **R.H. Tykot** & A. Gil), 73rd Annual Meeting of the American Association of Physical Anthropologists, Tampa, Florida, April 14-17, 2004. *American Journal of Physical Anthropology* 123 (S38): 180.
- *154. "Dietary Adaptations in the Maya Lowlands Through Time and Space: First Results of Stable Isotope Analysis for the Yucatan" (E. Mansell & **R.H. Tykot**), 73rd Annual Meeting of the American Association of Physical Anthropologists, Tampa, Florida, April 14-17, 2004. *American Journal of Physical Anthropology* 123 (S38): 141-142.
- *153. "Presence of Mycobacterium tuberculosis complex DNA at the Crystal River archaeological site: Initial findings" (R. Lanehart, **R.H. Tykot**, J. Kelly, N. Falk, H.D. Donoghue, M. Spigelman, K. Vernon & D. Himmelgreen), 73rd Annual Meeting of the American Association of Physical Anthropologists, Tampa, Florida, April 14-17, 2004. *American Journal of Physical Anthropology* 123 (S38): 131-132.
- *152. "A Contribution to the Nutritional History of Prehistoric Sardinia (Italy): Preliminary Results of Isotopic Analyses of Bone Collagen, Bone Apatite and Tooth Enamel" (L. Lai & **R.H. Tykot**), 73rd Annual Meeting of the American Association of Physical Anthropologists, Tampa, Florida, April 14-17, 2004. *American Journal of Physical Anthropology* 123 (S38): 131.
- *151. "Prehistoric Subsistence Adaptations in West-central Florida as Determined by Stable Isotope Analysis" (J.A. Kelly, **R.H. Tykot** & J. Milanich), 73rd Annual Meeting of the American Association of Physical Anthropologists, Tampa, Florida, April 14-17, 2004. *American Journal of Physical Anthropology* 123 (S38): 124.

- *150. “Differential Subsistence Adaptations of Agriculturalists and Herders of the Early Intermediate Period in the Lurin Valley, Peru: New Data from Stable Isotope Analysis” (N. Falk, **R.H. Tykot**, M. Delgado, E.A. Pechenkina & J. Vradenburg), 73rd Annual Meeting of the American Association of Physical Anthropologists, Tampa, Florida, April 14-17, 2004. *American Journal of Physical Anthropology* 123 (S38): 93.
- *149. “Prehistoric Diet in the Central Himalayas: Stable Isotope Results from Malari, Garhwal (India)” (**R.H. Tykot**, T. O’Connell, K. Privat, S. Juyal, V. Nautiyal), 73rd Annual Meeting of the American Association of Physical Anthropologists, Tampa, Florida, April 14-17, 2004. *American Journal of Physical Anthropology* 123 (S38): 197-198.
- *148. “Neolithic Trade Networks in the Central Mediterranean: The Role of Pantelleria (Italy)” (B.A. Vargo & **R.H. Tykot**), 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004. Abstract in *International Association for Obsidian Studies Bulletin* 31:9, 2004.
- 147. “Isotopic Analysis of Mummies from Northwestern Argentina” (N. Shelnut, **R.H. Tykot** & A. Gil), 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004.
- *146. “Use-Wear Studies of Obsidian from the Late Neolithic Site of Contraguda, Sardinia (Italy)” (T. Setzer, **R.H. Tykot**, C. Tozzi), 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004. Abstract in *International Association for Obsidian Studies Bulletin* 31:8, 2004.
- 145. “Animal Husbandry in the Early Bronze Age Levant: Results from Zooarchaeology and Isotope Analysis at Tell el Hesi (Israel)” (S. Peck, B. Hesse, **R.H. Tykot**), 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004.
- 144. “Contribution of Ceramic Residues and Bone Chemistry to Dietary Adaptations during the Longshan Period, Shandong, China” (R.E. Lanehart, **R.H. Tykot**, A.P. Underhill, F. Luan, H. Yu), 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004.
- 143. “Diet in Prehistoric Sardinia (Italy): Preliminary Results of Isotopic Analyses” (L. Lai & **R.H. Tykot**), 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004.
- 142. “The Importance of Maize in Florida through the Contact Period” (J.A. Kelly, **R.H. Tykot** & J.T. Milanich), 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004.
- 141. “Maize on the Frontier: Isotopic and Macrobotanical Data from Central-Western Argentina” (A. Gil, **R.H. Tykot**, G.A. Neme & A.M. Hernandez), 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004.
- 140. “Subsistence Adaptations of Hunter-Gatherers in Central Patagonia (Argentina): New Data from Stable Isotope Analysis” (N. Falk, **R.H. Tykot** & J. Gomez-Otero), 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004.
- *139. “The Role of Agency in Central Mediterranean Obsidian Trade during the Late Neolithic” (L. Beyer, **R.H. Tykot**, T. Setzer), 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004. Abstract in *International Association for Obsidian Studies Bulletin* 31:6, 2004.
- 138. Invited Discussant for Symposium “From Source to Finish: Obsidian Characterization, Exchange, Technology, and Use,” 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004.
- 137. “The Contribution of Stable Isotope Analysis to Understanding the Introduction and Importance of Maize in South America,” 69th Annual Meeting of the Society for American Archaeology, Montreal, Canada, March 31-April 4, 2004.
- *136. “Survey and Excavation of the Largest Obsidian Workshop in the Mediterranean: Preliminary Report on Fieldwork at Sennixeddu (Sardinia, Italy)” (**R.H. Tykot**, C. Lugliè)

- & G. Tanda), 105th Annual Meeting of the Archaeological Institute of America, January 2-5, 2004, San Francisco. Abstract published in *Archaeological Institute of America 105th Annual Meeting Abstracts 27*: 122.
- *135. "Experiments with Sardinian Obsidian: Determining Its Use in the Neolithic" (T.J. Setzer, **R.H. Tykot** & C. Tozzi), 105th Annual Meeting of the Archaeological Institute of America, January 2-5, 2004, San Francisco. Abstract published in *Archaeological Institute of America 105th Annual Meeting Abstracts 27*: 28-29.
- *134. "Contraguda (Sardinia): Sourcing Obsidian Artifacts and Tracing Exchange Networks in the Middle and Late Neolithic" (L. Lai, **R.H. Tykot** & C. Tozzi), 105th Annual Meeting of the Archaeological Institute of America, January 2-5, 2004, San Francisco. Abstract published in *Archaeological Institute of America 105th Annual Meeting Abstracts 27*: 36-37.
133. "Contributions of Archaeological Science to Understanding Maltese Relations with Other Areas of the Central Mediterranean," Exploring the Maltese Prehistoric Temple Culture, September 25-27, 2003, Malta.
132. "Early Neolithic Obsidian Trade in Northern Italy: New Results from Isola del Giglio" (**R.H. Tykot**, M. Brandaglia, M.D. Glascock & R.J. Speakman), ASMOSIA VII, 15-20 September, 2003, Thassos, Greece.
131. "Gray Marble Sculpture in the Montemartini (Capitoline) Museum, Rome" (**R.H. Tykot** & J.J. Herrmann), ASMOSIA VII, 15-20 September, 2003, Thassos, Greece.
130. "Sources of Marble Used for Sculptures and Mosaics in the Worcester Museum of Art" (M. Archambeault, **R.H. Tykot**, L. Becker & P. Artal-Isbrand), ASMOSIA VII, 15-20 September, 2003, Thassos, Greece.
129. "Marble Sculptures from the Rhode Island School of Design: Provenance Studies Using Stable Isotope and Other Analyses" (**R.H. Tykot**, G.E. Borromeo & K. Severson), ASMOSIA VII, 15-20 September, 2003, Thassos, Greece.
128. "Capitals with Fine-Toothed Acanthus and the Quarries of Dokimeion" (J.J. Herrmann & **R.H. Tykot**), ASMOSIA VII, 15-20 September, 2003, Thassos, Greece.
127. "Archaeological Aspects of Obsidians," International Specialized Workshop on Recent Advances in Obsidian Dating and Characterization, July 2-5, 2003, Melos, Greece.
- *126. "High-Precision Sourcing of Obsidian Assemblages from the Central Mediterranean: Feasibility and Utility for Archaeological Interpretation of the Exploitation of the Italian Island Sources," International Specialized Workshop on Recent Advances in Obsidian Dating and Characterization, July 2-5, 2003, Melos, Greece. Abstract published in *International Association for Obsidian Studies Bulletin 33* (2005): 19-20.
125. "Preliminary Report of the Survey and Excavations of the Obsidian Workshop at Sennixeddu, Sardinia" (**R.H. Tykot**, C. Lugliè, G. Tanda, B. Vargo, N. deBruijn, T. Setzer & R. Carta), 6th Conference on Italian Archaeology, April 15-17, 2003, Groningen, Netherlands.
124. "Sources and Exploitation of Obsidian from Pantelleria" (B.A. Vargo, **R.H. Tykot** & M. Tosi), 6th Conference on Italian Archaeology, April 15-17, 2003, Groningen, Netherlands.
123. "Ecological & Dietary Diversity in Prehistoric Gulf Coast Florida" (J.A. Kelly, **R.H. Tykot** & J. Milanich), 68th Annual Meeting of the Society for American Archaeology, April 9-13, 2003, Milwaukee. [winner of R.E. Taylor Student Poster Award offered by the Society for Archaeological Sciences]
122. "The Pantellerian Connection: Neolithic Obsidian Trade in the Central Mediterranean" (B.A. Vargo, **R.H. Tykot**, M. Tosi & S. Tusa), 68th Annual Meeting of the Society for American Archaeology, April 9-13, 2003, Milwaukee.
121. "A Neolithic Obsidian Workshop in Sardinia: The 2002 Excavations at S'Ennixeddu" (**R.H. Tykot**, C. Lugliè, N. de Bruijn, T. Setzer & B. Vargo), 68th Annual Meeting of the Society for American Archaeology, April 9-13, 2003, Milwaukee.
120. "Stable Isotope Analysis and Dietary Adaptations During the Longshan Period in Shandong, China: Preliminary Results from Liangchengzhen" (R. Lanehart, A. Underhill, **R.H. Tykot**,

- F. Luan, H. Yu, H. Fang, F. Cai, G. Feinman & L. Nicholas), 68th Annual Meeting of the Society for American Archaeology, April 9-13, 2003, Milwaukee.
- * 119. "Tracing the Source of the Elephant and Hippopotamus Ivory from the Uluburun Shipwreck" (K. Lafrenz, **R.H. Tykot** & C. Pulak), 104th Annual Meeting of the Archaeological Institute of America, January 3-6, 2003, New Orleans. Abstract published in *Archaeological Institute of America 104th Annual Meeting Abstracts* (ISBN 1931909024). [2nd place in the AIA poster award contest]
- * 118. "Obsidian Flows, Flakes, and Functions: An Integrated Study of the Late Neolithic Assemblage from Contraguda, Sardinia" (**R.H. Tykot**, L. Lai & C. Tozzi), 104th Annual Meeting of the Archaeological Institute of America, January 3-6, 2003, New Orleans. Abstract published in *Archaeological Institute of America 104th Annual Meeting Abstracts* (ISBN 1931909024)
117. "L'esatta provenienza dell'ossidiana e i modelli di diffusione nel Mediterraneo centrale durante il Neolitico," Convegno Internazionale L'ossidiana del Monte Arci nel Mediterraneo: recupero dei valori di un territorio, November 29-December 1, 2002, Oristano and Pau, Sardinia.
116. Invited Discussant for symposium "Initial Neolithic Occupation of Small Island Groups in Theory and Practice," 8th European Association of Archaeologists Annual Meeting, September 24-29, 2002, Thessaloniki, Greece.
115. "On the Use of Obsidian in the Neolithic Mediterranean: New Approaches to Provenance, Technology and Function," 8th European Association of Archaeologists Annual Meeting, September 24-29, 2002, Thessaloniki, Greece.
114. "Sheep and the Sea in Mediterranean Subsistence Strategies: A Contribution from Stable Isotope Analysis," 8th European Association of Archaeologists Annual Meeting, September 24-29, 2002, Thessaloniki, Greece.
113. "A Preliminary Determination of Subsistence Variation and Dietary Changes Among Prehistoric Gulf Coast Florida Populations Using Stable Isotope Analysis" (J.A. Kelly, **R.H. Tykot** & J.T. Milanich), 54th Annual Meeting of the Florida Anthropological Society, May 3-5, 2002, St. Petersburg, Florida.
112. "Identification and Characterization of the Obsidian Sources on the Island of Palmarola, Italy" (**R.H. Tykot**, T.J. Setzer & M.D. Glascock), 33rd International Symposium on Archaeometry, 22-26 April 2002, Amsterdam.
111. "Stable Isotope Analysis and Subsistence Adaptations along the Gulf Coast of Florida from the Archaic through Safety Harbor Periods" (J.A. Kelly, **R.H. Tykot** & J. Milanich), 33rd International Symposium on Archaeometry, 22-26 April 2002, Amsterdam.
110. "Comprehensive Source Analysis and the Socioeconomic Role of Obsidian Trade in Northern Italy: New Data from the Middle Neolithic Site of Gaione" (**R.H. Tykot**, A.J. Ammerman, M. Bernabo Brea & M.D. Glascock), 33rd International Symposium on Archaeometry, 22-26 April 2002, Amsterdam.
109. "Ceramic Production and Distribution in Late Iron Age Etruria: An Example from the Mugello Basin" (J.J. Winkler, **R.H. Tykot** & G. Warden), 33rd International Symposium on Archaeometry, 22-26 April 2002, Amsterdam.
- * 108. "Using Laser Ablation ICP Mass Spectrometry to Source Mediterranean Obsidians" (**R.H. Tykot**, M.D. Glascock & R.J. Speakman), 67th Annual Meeting of the Society for American Archaeology, March 20-24, 2002, Denver. Abstract in *International Association for Obsidian Studies Bulletin* 29:6, 2002.
107. "A View from the North: A Stable Isotope Study of Ancient Maya Diet from Yaxuná and La Milpa" (E. Mansell, **R.H. Tykot**, D. Freidel, T. Ardren, B. Dahlin), 67th Annual Meeting of the Society for American Archaeology, March 20-24, 2002, Denver.
106. "Ceramic Production and Distribution in Late Iron Age Etruria: An Example from the Mugello Basin" (J. Winkler, **R.H. Tykot**, G. Warden), 67th Annual Meeting of the Society for American Archaeology, March 20-24, 2002, Denver.

- *105. "Placing Obsidian in its Rightful Context: An Analysis of Geological Sources and Archaeological Materials from the Island of Lipari (Italy)" (L.G. Beyer & **R.H. Tykot**), 67th Annual Meeting of the Society for American Archaeology, March 20-24, 2002, Denver. Abstract in *International Association for Obsidian Studies Bulletin* 29:6, 2002.
- 104. "Dietary Variation and Change Among Prehistoric Gulf Coast Florida Populations: A Preliminary Study of the Archaic Through Safety Harbor Periods Using Stable Isotope Analysis" (J.A. Kelly, **R.H. Tykot** & J.T. Milanich), 67th Annual Meeting of the Society for American Archaeology, March 20-24, 2002, Denver.
- *103. "The Identification of Primary Obsidian Sources on Pantelleria (Italy): The Impact of Provenience Identification on the Study of Prehistoric Exchange Networks" (B.A. Vargo, **R.H. Tykot** & M. Tosi), 67th Annual Meeting of the Society for American Archaeology, March 20-24, 2002, Denver. Abstract in *International Association for Obsidian Studies Bulletin* 29:7, 2002.
- 102. Invited Discussant for "Forum on Interdisciplinary Approaches in Archaeology," 67th Annual Meeting of the Society for American Archaeology, March 20-24, 2002, Denver.
- *101. "Provenance of Etruscan Pottery from Poggio Colla, Italy: A Chemical Characterization Study" (J. Winkler, **R.H. Tykot** & G. Warden), 103rd Annual Meeting of the Archaeological Institute of America, January 3-6, 2002, Philadelphia. Abstract in *American Journal of Archaeology* 106:254, 2002.
- *100. "Geoarchaeological Survey and Characterization of the Central Mediterranean Obsidian Sources: New Approaches to an Old Problem" (**R.H. Tykot**, L. Beyer, T. Setzer, B. Vargo, J. Bernal & J. Bliss), 103rd Annual Meeting of the Archaeological Institute of America, January 3-6, 2002, Philadelphia. Abstract in *American Journal of Archaeology* 106:254, 2002. [2nd place in the AIA poster award contest]
- 99. "New Approaches to the Characterization and Interpretation of Obsidian from the Mediterranean Island Sources," invited paper for the Materials Issues in Art and Archaeology VI Symposium, Fall 2001 Meeting of the Materials Research Society, November 26-30, 2001, Boston.
- 98. "The Contribution of Bone Chemistry to Reconstructing Subsistence in the Mediterranean," XIV Congress of the International Union of Prehistoric and Protohistoric Sciences, Liège, Belgium, September 2-8, 2001.
- 97. "Neolithic Exploitation and Trade of Obsidian in the Central Mediterranean: New Results and Implications for Cultural Interaction," XIV Congress of the International Union of Prehistoric and Protohistoric Sciences, Liège, Belgium, September 2-8, 2001.
- 96. "Stable Isotope Analysis and Hunter-Gatherer Diets in Patagonia" (Robert H. Tykot, J. Belardi, L. Borrero, J. Gomez Otero, Scott Grammer, R. Guichon & Jennifer Kelly), *Archaeological Science* 01, August 29-September 1, 2001, Newcastle.
- 95. "Contribution of Stable Isotope Analysis to Understanding Dietary Variation among the Maya," 222nd American Chemical Society National Meeting, August 26-30, 2001, Chicago.
- 94. "Geochemical Analysis of Obsidian from Multiple Flows on Island Sources: Interpreting Trade Mechanisms in Western Mediterranean Prehistory," 222nd American Chemical Society National Meeting, August 26-30, 2001, Chicago.
- 93. "Craft Specialization in Late Classic Ulúa Communities: Ulúa Style Marble Vases" (C. Luke & **R.H. Tykot**), 66th Annual Meeting of the Society for American Archaeology, April 18-22, 2001, New Orleans.
- 92. "Integrating Analytical, Archaeological and Ethnographic Subsistence Data: A Case Study from Patagonia, South America" (J. Kelly, S. Grammer, R. Tykot, J. Belardi, L. Borrero, J. Gomez Otero & R. Guichon), 66th Annual Meeting of the Society for American Archaeology, April 18-22, 2001, New Orleans.
- 91. Invited discussant for the symposium "Studying Lithic Economies in the New Millennium" (organizers Gregory Bondar & Philip LaPorta), 66th Annual Meeting of the Society for American Archaeology, April 18-22, 2001, New Orleans.

90. Invited discussant for the symposium “Resolution & Refinement: Leading Edge Research in Archaeological Chemistry” (organizers Kelly Knudson and David Meiggs), 66th Annual Meeting of the Society for American Archaeology, April 18-22, 2001, New Orleans.
- * 89. “Obsidian as an Indicator of Prehistoric Trade and Interaction in the Adriatic Basin” (**R.H. Tykot**, B. Bass & P. Della Casa), 66th Annual Meeting of the Society for American Archaeology, April 18-22, 2001, New Orleans. Abstract in *International Association for Obsidian Studies Bulletin* 28:13, 2001.
88. “Stable Isotope Analysis of a Scandinavian Island Population: Dietary Change during the Viking and Early Christian Periods” (S. Kosiba, **R.H. Tykot** & D. Carlsson), 66th Annual Meeting of the Society for American Archaeology, April 18-22, 2001, New Orleans.
- * 87. “The Characterization of Obsidian from Pantelleria (Italy): The Archaeological Significance of Multiple Island Sources” (B.A. Vargo, **R.H. Tykot**, J. Julie Bliss, V. Colella, M. Tosi & S. Tusa), 66th Annual Meeting of the Society for American Archaeology, April 18-22, 2001, New Orleans. Abstract in *International Association for Obsidian Studies Bulletin* 28:13, 2001.
86. “Obsidian Sources on Lipari (Italy): A Reexamination of a Complex Island System” (L.G. Beyer, **R.H. Tykot**, B.A. Vargo & J. Bliss), 66th Annual Meeting of the Society for American Archaeology, April 18-22, 2001, New Orleans. Abstract in *International Association for Obsidian Studies Bulletin* 28:10, 2001.
85. “New Approaches to the Characterization and Interpretation of Obsidian from the Central Mediterranean Island Sources” (J. Bliss, **R.H. Tykot** & B.A. Vargo), 66th Annual Meeting of the Society for American Archaeology, April 18-22, 2001, New Orleans.
- * 84. “Intradental Variation in Stable Carbon Isotope Ratios in Human Tooth Enamel” (J.W. Wilson, **R.H. Tykot** & D.H. Ubelaker), 70th Annual Meeting of the American Association of Physical Anthropologists, March 28-31, 2001, Kansas City. Abstract in *American Journal of Physical Anthropology* 114(S32), 2001: 166.
- * 83. “Geoarchaeological Survey of Obsidian Sources on Pantelleria (Italy)” (**R.H. Tykot**, B.A. Vargo, J. Bliss, V. Colella, M. Tosi & S. Tusa), 102nd Annual Meeting of the Archaeological Institute of America, January 3-6, 2001, San Diego. Abstract in *American Journal of Archaeology* 105: 280, 2001.
82. “Dieta a partir de isótopos estables en restos óseos humanos de Patagonia Austral. Estado actual y perspectivas (L.A. Borrero, R.A. Guichón, **R.H. Tykot** & J. Kelly), IV Congreso de la Asociación Latinoamericana de Antropología Biológica, October 2000, Uruguay.
81. “Isotopic Analysis of *Rosso Antico* and Bichrome Marble Objects from the Boston Museum” (**R.H. Tykot** & J.J. Herrmann, Jr.), 6th International Conference of the Association for the Study of Marble and Other Stones in Antiquity, June 15-18, 2000, Venice, Italy.
80. “The End of the Line: Obsidian in Northern Italy and Southern France” (**R.H. Tykot**), 6th International Conference of the Association for the Study of Marble and Other Stones in Antiquity, June 15-18, 2000, Venice, Italy.
79. “Marble Carving Traditions in Honduras: Early Formative through Terminal Classic” (C.M. Luke, R.A. Joyce, J.S. Henderson & **R.H. Tykot**), 6th International Conference of the Association for the Study of Marble and Other Stones in Antiquity, June 15-18, 2000, Venice, Italy.
78. “Nuove analisi di reperti di ossidiana rinvenuti nella provincia di Livorno” (**R.H. Tykot**, B.A. Vargo, C. Tozzi, G. Radi & A. Ammerman), XXXV Riunione Scientifica, Le Comunità della Preistoria Italiana. Studi e Ricerche sul Neolitico e le Età dei Metalli in memoria di Luigi Bernabò Brea, Lipari, June 2-7, 2000.
77. “Ricostruzione di aspetti marittimi e sociali nello scambio di ossidiana durante il neolitico, tramite analisi GIS” (J.E. Robb, **R.H. Tykot**, et al.), XXXV Riunione Scientifica, Le Comunità della Preistoria Italiana. Studi e Ricerche sul Neolitico e le Età dei Metalli in memoria di Luigi Bernabò Brea, Lipari, June 2-7, 2000.

76. "Microsampling and Understanding Variation in Stable Carbon Isotope Ratios in Tooth Enamel" (**R.H. Tykot**, D.H. Ubelaker & J.W. Wilson), 32nd International Symposium on Archaeometry, May 15-19, 2000, Mexico City, Mexico.
75. "Comparison of Obsidian Analyses by Multiple Techniques: Determining Meaningful Levels of Resolution for Central Mediterranean Provenance Studies" (**R.H. Tykot**, M.D. Glascock & C.E. Skinner), 32nd International Symposium on Archaeometry, May 15-19, 2000, Mexico City, Mexico.
74. "A Scientific Study of Marble Vases and Sources from the Ulua Valley of Honduras: Stable Isotope and Petrographic Analysis" (C.M. Luke, **R.H. Tykot** & R. Scott), 32nd International Symposium on Archaeometry, May 15-19, 2000, Mexico City, Mexico.
73. "Problems and Prospects for Dietary Reconstruction Using Strontium-Calcium Ratio Analysis: New Analyses of South African Hominid Fossils" (J.W. Wilson, **R.H. Tykot** & J.F. Thackeray), 32nd International Symposium on Archaeometry, May 15-19, 2000, Mexico City, Mexico.
- * 72. "Strontium-Calcium Ratio Analysis and Dietary Adaptations of Early Hominids from South Africa: A Reevaluation of Interpretive Problems in Light of New Analyses" (J.W. Wilson, **R.H. Tykot** & J.F. Thackeray), 69th Annual Meeting of the American Association of Physical Anthropologists, San Antonio, Texas, April 12-15, 2000. Abstract in *American Journal of Physical Anthropology* 111 (S30), 2000: 324.
71. "Diet, Demography, and Decapitation in the Late Postclassic: Stable Isotope Analysis of Human Teeth from Iximché, Guatemala" (**R.H. Tykot**, S.L. Whittington, D.M. Reed & J. Wilson), 65th Annual Meeting of the Society for American Archaeology, Philadelphia, April 5-9, 2000.
70. "Obsidian Analysis and Neolithic Trade in Northern Italy" (B. Vargo, **R.H. Tykot**, C. Tozzi & G. Radi), 65th Annual Meeting of the Society for American Archaeology, Philadelphia, April 5-9, 2000.
69. "Stable Isotope Analysis and Prehistoric Human Diet in Southern Patagonia" (J. Kelly, **R.H. Tykot**, R. Guichon & L. Borrero), 65th Annual Meeting of the Society for American Archaeology, Philadelphia, April 5-9, 2000.
68. "Stable Isotope Analysis and Maya Diet at La Milpa, Belize (E.B. Mansell, **R.H. Tykot**, & N.D.C. Hammond), 65th Annual Meeting of the Society for American Archaeology, Philadelphia, April 5-9, 2000.
67. "Anasazi Subsistence in La Plata, New Mexico: Carbon, Corn and Culture" (M.L. Whitaker, **R.H. Tykot**, D.L. Martin, H.W. Toll & N.J. van der Merwe), 65th Annual Meeting of the Society for American Archaeology, Philadelphia, April 5-9, 2000.
66. "A Multidisciplinary Approach to Exploring the Introduction and Early Role of Maize in Western South America" (J.E. Staller, **R.H. Tykot** & R.G. Thompson), 28th Annual Midwest Conference of Andean & Amazonian Archaeology and Ethnohistory, Fort Wayne, Indiana, February 26-27, 2000.
- * 65. "Reconstructing Mediterranean Diets: the Contribution of Bone Chemistry" (**R.H. Tykot** & J.E. Robb), 101st Annual Meeting of the Archaeological Institute of America, Dallas, December 27-30, 1999. Abstract in *American Journal of Archaeology* 104(2): 359-360, 2000.
64. "Current and Future Directions in Central Mediterranean Obsidian Studies" (**R.H. Tykot**), Central Mediterranean Prehistory, Institute of Archaeology, University College London, November 13, 1999.
63. "Nuevas determinaciones de isótopos estables para Tierra del Fuego y el sur de Patagonia" (R. Guichón, L.A. Borrero, A. Prieto, P. Cárdenas & **R.H. Tykot**), 4th Jornadas Nacionales de Antropología Biológica, San Salvador de Jujuy, 1999.
- * 62. "Prehistoric Obsidian Trade in the Adriatic: New Evidence from Susac and Palagruza" (**R.H. Tykot**, L.R. Adams, B. Bass, T. Kaiser & S. Forenbaher), 64th Annual Meeting of the Society for American Archaeology, Chicago, March 24-28, 1999. Abstract in *International Association for Obsidian Studies Bulletin* 24:8, 1999.

61. "Teaching Archaeological Science in the 21st Century," 16th Annual Visiting Scholars Conference "Archaeometry as Anthropology: Material Culture and Technology," Southern Illinois University, Carbondale, March 19-22, 1999.
60. "The Origins, Dispersal and Quantification of Maize Agriculture in the New World: Problems and Prospects for Stable Isotope Analysis," World Archaeological Congress 4, Cape Town, South Africa, January 10-14, 1999.
59. "Dieta y poblaciones humanas en la costa central del Chubut" (J. Gomez Otero, J. Bautista Belardi, **R.H. Tykot** & S.M. Grammer), IV Cuartas Jornadas de Arqueología de la Patagonia, Río Gallegos, 2 al 6 de noviembre de 1998, Santa Cruz, Argentina.
58. "Analysis of Classical Marble Sculptures in the Toledo Museum of Art" (S.E. Knudsen, C. Craine & **R.H. Tykot**), Vth International Conference of the Association for the Study of Marble and Other Stones in Antiquity, Boston, June 11-15, 1998.
57. "Thracian Horsemen - A Provenance Study of Marble Sculpture from Dobrudja-Romania" (M. Pentia, **R.H. Tykot**, L. Nedelcu & A. Barnea), Vth International Conference of the Association for the Study of Marble and Other Stones in Antiquity, Boston, June 11-15, 1998.
56. "On the Importation of Monumental Marble to Sardis," (**R.H. Tykot** & M.H. Ramage), Vth International Conference of the Association for the Study of Marble and Other Stones in Antiquity, Boston, June 11-15, 1998.
55. "Marble Sources and Artifacts from the Ulua Valley, Honduras" (C. Luke & **R.H. Tykot**), Vth International Conference of the Association for the Study of Marble and Other Stones in Antiquity, Boston, June 11-15, 1998.
54. "'Thasian' Marble Sculptures in European and American Collections: Isotopic and other Analyses" (**R.H. Tykot**, J.J. Herrmann Jr., N.J. van der Merwe & R. Newman), Vth International Conference of the Association for the Study of Marble and Other Stones in Antiquity, Boston, June 11-15, 1998.
53. "The Origins and Dispersal of Maize Agriculture: A Review and Critical Assessment of the Isotopic Evidence," 31st International Symposium on Archaeometry, Budapest, Hungary, April 27-May 1, 1998.
52. "Archaeology, Biogeography, and Chronology: the ABC's of the Mesolithic-Neolithic Transition in the Western Mediterranean Islands," 3rd International Symposium ¹⁴C and Archaeology, Lyon, France, April 9, 1998.
51. "Isotopic Evidence for Reconstructing Prehistoric Subsistence Patterns in North-Central Patagonia, Argentina" (S. Grammer, **R.H. Tykot**, J. Gomez Otero, J. Belardi), 63rd Annual Meeting of the Society for American Archaeology, Seattle, March 27, 1998.
- * 50. "Obsidian Studies in the Old World: Recent Advances in Methods, Research Design, and Interpretation," 63rd Annual Meeting of the Society for American Archaeology, Seattle, March 26, 1998. Abstract in *International Association for Obsidian Studies Bulletin* 22:12, 1998.
49. Invited discussant for the symposium "From Glass to Ceramics: Archaeometry in Archaeological and Technological Studies," 63rd Annual Meeting of the Society for American Archaeology, Seattle, March 26, 1998.
48. Invited discussant for the symposium "Interdisciplinary Approaches in Archaeology: Tradition and Prospects," 63rd Annual Meeting of the Society for American Archaeology, Seattle, March 27, 1998.
47. "Elemental and Isotopic Analysis in Archaeology: Reconstructing Ancient Technology, Trade, and Subsistence," invited paper for The Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, New Orleans, March 1, 1998.
- * 46. "Determining the Source of Lithic Artifacts: Reconstructing Trade in the Ancient World," 99th Annual Meeting of the Archaeological Institute of America, Chicago, Illinois, December 28, 1997. Abstract in *American Journal of Archaeology* 102(2):363-364, 1998.
45. "Bronze, Sea and Sardinia: Social and Technological Evolution in an Island Society," Metals in Antiquity conference, Harvard University, September 12, 1997.

44. "The Longest Stone Age Trade Route in the World: Southwest Pacific Obsidian Reached Borneo (Malaysia) in the 5th Millennium BC (**R.H. Tykot** & S. Chia), 62nd Annual Meeting of the Society for American Archaeology, Nashville, April 5, 1997.
- * 43. "On the Attribution to Thasos of Dolomitic Marble Sculpture and Architectural Elements" (**R.H. Tykot**, J.J. Herrmann, Jr., N.J. van der Merwe, & R. Newman), 98th Annual Meeting of the Archaeological Institute of America, New York, December 29, 1996. Abstract in *American Journal of Archaeology* 101(2):369, 1997.
42. "Islands in the Stream: New Interpretations of Extrainsular Communication and Cultural Interaction in the Mediterranean," 98th Annual Meeting of the Archaeological Institute of America, New York, December 28, 1996.
- * 41. "Long-distance Obsidian Trade in Indonesia" (**R.H. Tykot** & S. Chia), Materials Research Society Fall Meeting, Boston, December 3, 1996. This paper is featured in the Research News section of *Science* 274 (1996): 2012-2013.
40. "A Dynamic View of Obsidian Exploitation in the Western Mediterranean," XIII Congress of the International Union of Prehistoric and Protohistoric Sciences, Forlì (Italy), September 10, 1996.
39. "Changes in Subsistence, Settlement, and Social Interaction during the Neolithisation of the Western Mediterranean," XIII Congress of the International Union of Prehistoric and Protohistoric Sciences, Forlì (Italy), September 9, 1996.
38. "Iberian Bronze Figurines: Technological and Stylistic Analysis" (**R.H. Tykot**, L. Prados-Torreira & M.S. Balmuth), 13th International Bronze Congress, Cambridge, MA, May 30, 1996.
37. "Recipes for Sardinian Bronzes" (M.S. Balmuth & **R.H. Tykot**), 13th International Bronze Congress, Cambridge, MA, May 30, 1996.
36. "Isotopic Investigations of Dietary Dichotomies: the Importance of Maize and Marine Foods to Initial Period/Early Horizon Subsistence in Highland and Coastal Peru" (**R.H. Tykot**, N.J. van der Merwe & R.L. Burger), International Symposium on Archaeometry, Urbana, Illinois, May 23-24, 1996.
35. "The Dietary Significance of Prehistoric Maize in the Northern Andes: An Isotopic Perspective" (**R.H. Tykot**, N.J. van der Merwe & J.S. Athens), 61st Annual Meeting of the Society for American Archaeology, New Orleans, April 11, 1996.
- * 34. "Movement of Monumental Marble to Lydian Sardis" (M. Ramage & **R.H. Tykot**), 97th Annual Meeting of the Archaeological Institute of America, San Diego, December 29, 1995. Abstract in *American Journal of Archaeology* 100(2):377, 1996.
33. "Neolithisation and Subsistence Change in Prehistoric Italy," 94th Annual Meeting of the American Anthropological Association, Washington, DC, November 15-19, 1995.
32. "Sardinian Black Gold: Selective Exploitation of Italian Obsidian during the Neolithic Period," Symposium on the Cultural Response to the Volcanic Landscape, Cumae, Italy, October 27-29, 1995.
31. "A Multi-Method Approach to the Provenience of Mediterranean Obsidian: New Data on the Exploitation of the Monte Arci Sources in Sardinia," Fourth International Conference of the Association for the Study of Marble and Other Stones Used in Antiquity, Bordeaux, France, October 10, 1995.
30. "The Sources of Classical Marble Sculptures in the Museum of Fine Arts, Boston: An Update on their Isotopic Analysis" (N.J. van der Merwe, **R.H. Tykot** & J.J. Herrmann, Jr.), Fourth International Conference of the Association for the Study of Marble and Other Stones Used in Antiquity, Bordeaux, France, October 10, 1995.
29. "Weathering Surfaces on Classical Marble Sculptures: Isotopic and X-ray Diffraction Studies" (**R.H. Tykot**, R. Newman & N.J. van der Merwe), Fourth International Conference of the Association for the Study of Marble and Other Stones Used in Antiquity, Bordeaux, France, October 10-11, 1995.

28. "Changing Patterns of Settlement, Subsistence, and Social Interaction in Neolithic Sardinia," 60th Annual Meeting of the Society for American Archaeology, Minneapolis, Minnesota, May 5, 1995.
- * 27. "The Source of Corse Obsidian: Neolithic Exchange in the Western Mediterranean" (**R.H. Tykot** & K. Hartshorn), 60th Annual Meeting of the Society for American Archaeology, Minneapolis, Minnesota, May 4, 1995. Abstract in *International Association for Obsidian Studies Bulletin* 14:13-14.
26. "Archaeological Applications of ICP-Mass Spectrometry" (**R.H. Tykot** & S.M. Young), Archaeological Chemistry Symposium, 209th American Chemical Society National Meeting, Anaheim, April 5, 1995.
25. "Stable Isotope Analysis of Bone Collagen and Apatite in the Reconstruction of Human Diet: A Case Study from Cuello, Belize" (**R.H. Tykot**, N.J. van der Merwe & N. Hammond), Archaeological Chemistry Symposium, 209th American Chemical Society National Meeting, Anaheim, April 3, 1995.
24. "Radiocarbon Chronology for Prenuragic Sardinia," International Conference on Sardinian Stratigraphy and Mediterranean Chronology, Medford, Massachusetts, March 17-19, 1995.
- * 23. "Procurement and Prestige: Patterns in the Provenience of Prehistoric Mediterranean Obsidian," 96th Annual Meeting of the Archaeological Institute of America, Atlanta, December 29, 1994. Abstract in *American Journal of Archaeology* 99(2):336, 1995.
22. "From Deer to Dogs: A Dynamic View of Subsistence, Status and Sociopolitical Development at Cuello, Belize" (**R.H. Tykot**, N.J. van der Merwe & N. Hammond), 93rd Annual Meeting of the American Anthropological Association, Atlanta, November 30, 1994.
- * 21. "The Source of Corse Obsidian: Provenience Analysis based on Major Element Chemistry" (**R.H. Tykot** & K. Hartshorn), Science & Archaeology: Towards an Interdisciplinary Approach to Studying the Past, Cambridge, Massachusetts, October 14-16, 1994. Abstract in *International Association for Obsidian Studies Bulletin* 13:2, 1995.
20. "Diet and Animal Husbandry of the Preclassic Maya at Cuello, Belize" (N.J. van der Merwe, **R.H. Tykot**, & N. Hammond), Fourth Advanced Seminar on Paleodiet, Banff, Alberta, Canada, September 4-9, 1994.
19. "Neolithisation in the Western Mediterranean Islands," 59th Annual Meeting of the Society for American Archaeology, Anaheim, April 23, 1994.
- * 18. "Sourcing Greek and Roman Marble Sculpture in the Museum of Fine Arts, Boston: Combining Analytical, Archaeological, and Artistic Data" (**R.H. Tykot**, N.J. van der Merwe & J.J. Herrmann, Jr.), 95th Annual AIA Meeting, Washington, DC, December 30, 1993. Abstract in *American Journal of Archaeology* 98(2):338-39, 1994.
17. "Neolithisation in Sardinia: Settlement, Subsistence, and Social Interaction," 15th Annual Tufts University Colloquium on Sardinian Archaeology, December 3, 1993.
16. "Stable Carbon and Oxygen Isotope Sourcing of Marble Sculptures in the Museum of Fine Arts, Boston" (N.J. van der Merwe, J.J. Herrmann, Jr., **R.H. Tykot**, R. Newman, C.S. Czapski, & N. Herz), Third International ASMOSIA Conference, Athens, May 17, 1993.
15. "The Sources and Distribution of Sardinian Obsidian," 94th Annual Meeting of the Archaeological Institute of America, New Orleans, December 30, 1992.
14. "Regional Interaction in the Prehistoric Central Mediterranean: Chronological Variation as Evidenced by Obsidian Exchange," 57th Annual Meeting of the Society for American Archaeology, Pittsburgh, April 9, 1992.
- * 13. "Radiocarbon Dating and Absolute Chronology in the Prehistoric Western Mediterranean: Current Problems and Future Prospects," 93rd Annual Meeting of the Archaeological Institute of America, Chicago, December 30, 1991. Abstract in *American Journal of Archaeology* 96(2):371-372, 1992.
12. "The Sources and Distribution of Sardinian Obsidian," Archaeological Stone: Scientific and Technical Studies, The British Museum, London, November 15, 1991.

- * 11. "Archaeological Applications of ICP Mass Spectrometry: An Obsidian Case Study," 56th Annual Meeting of the Society for American Archaeology, New Orleans, April 28, 1991. Abstract in *International Association for Obsidian Studies Newsletter* 5:9, 1991.
- * 10. "The Obsidian Trade in Prehistoric Italy: Reconstructing Social and Economic Organization by Modeling Exchange," 92nd Annual Meeting of the Archaeological Institute of America, San Francisco, December 30, 1990. Abstract in *American Journal of Archaeology* 95(2):325, 1991.
- 9. "Obsidian Analysis and West Mediterranean Socio-Economic Organization," 89th Annual Meeting of the American Anthropological Association, New Orleans, December 1, 1990.
- 8. "Monte Arci Revisited: The Sources of Sardinian Obsidian," 12th Annual Tufts University Colloquium on Sardinian Archaeology, October 12, 1990.
- 7. "A Bronze Age Village in Sardinia: A Preliminary Report of the Excavations at Nuraghe Santa Barbara (Bauladu) 1986-1989" (L.J. Gallin & **R.H. Tykot**), 55th Annual Meeting of the Society of American Archaeology, Las Vegas, April 19, 1990.
- 6. "The Sea Peoples in Sicily, Sardinia and Etruria: A Reexamination of the Evidence in Light of Recent Archaeological Research," First Joint Archaeological Congress, Baltimore, January 8, 1989.
- 5. "Obsidian Analysis and Modelling Exchange in the Western Mediterranean," 90th Annual Meeting of the Archaeological Institute of America, Baltimore, January 7, 1989.
- 4. "1988 Excavations at Nuraghe Santa Barbara in Bauladu" (**R.H. Tykot** & L.J. Gallin), 10th Annual Tufts University Colloquium on Sardinian Archaeology, December 9, 1988.
- 3. "The Trade and Distribution of Obsidian in the Western Mediterranean," 8th Annual Tufts University Colloquium on Sardinian Archaeology, November 21, 1986.
- 2. "Problems in the Functional Analysis of Punic Hearth Ceramics from Sardinia and Carthage," 7th Annual Tufts University Colloquium on Sardinian Archaeology, November 22, 1985.
- 1. "Problems in Obsidian: Nuragic Manufacture and Use," 4th Annual Tufts University Colloquium on Sardinian Archaeology, November 12, 1982.

INVITED PUBLIC PRESENTATIONS

- 123. "Non-Destructive Portable XRF Analysis of Obsidian, Ceramics, Metals, Bone, Soils, and Paintings," University of Bucharest, Romania, September 8, 2022.
- 122. "Obsidian Use and Maritime Transport in the Prehistoric Mediterranean," Archaeological Institute of America - Jacksonville Society & University of North Florida, Jacksonville, FL, April 30, 2022.
- 121. "Bone Chemistry and Ancient Diet in Italy and the Mediterranean," University of Missouri, Columbia, Missouri, March 11, 2020.
- 120. "Ancient Diet Studies Using Elemental and Isotopic Analyses: Research Examples in the Americas," Oxford University, England, May 23, 2019.
- 119. "Non-Destructive Portable XRF Analysis of Obsidian, Ceramics, Metals, Bone, Soils, and Paintings," Brown University, Providence, Rhode Island, April 2, 2019.
- 118. "Bone Chemistry and Ancient Diet: Research in the Americas and the Mediterranean," Brown University, Providence, Rhode Island, April 1, 2019.
- 117. "Food Practices in the Mediterranean World: Wasn't Something Fishy Going On?" Tampa Bay Society of the Archaeological Institute of America, Tampa, Florida, February 28, 2019.
- 116. "Bone Chemistry and Ancient Diet in the Americas," University of South Florida, Tampa, January 29, 2019.
- 115. "Bone Chemistry and Ancient Diet in the Mediterranean and Mesoamerica," Florida Atlantic University, Boca Raton, Florida, November 6, 2018.

114. "Using Non-Destructive Portable XRF Analysis to Study Trade, Composition, or Diet of Obsidian, Ceramics, Metals, Bone, and Other Materials," Capital Normal University, Beijing, China, March 9, 2017.
113. "Isotopic and Element Analysis of Human Remains to Study Diet and Mobility in the Americas," University of Chinese Academy of Sciences, Beijing, China, March 2, 2017.
112. "Sardinia in the Ancient Mediterranean: Archaeological Evidence of Life in the Past," Prime Timers, Tampa, FL, February 16, 2017.
111. "Bone Chemistry and Dietary Practices in the Mediterranean and Mesoamerica," Boston University, Boston, MA, November 29, 2016.
110. "Studying Diet in the Americas Using Isotopic and Elemental Analysis of Human Remains," University of South Florida, October 19, 2016.
109. "L'uso dello spettrometro di fluorescenza a raggi X portatili sugli oggetti archeologici," Università degli Studi di Napoli Federico II, Naples, Italy, June 13, 2016.
108. "Scambi dell'ossidiana liparota tra Neolitico e Bronzo. Riflessi sulla protostoria del lametino" (**R.H. Tykot** & A. Vianello), Lamezia, Italy, May 25, 2016.
107. "Analysis of Paintings in the Prehistoric Genovese Cave (Levanzo, Egadi Islands, Sicily)" (**R.H. Tykot**, Andrea Vianello & K.P. Freund), 8th Annual Oktoberfest, University of South Florida, Tampa, October 17, 2014.
106. "Metal Objects in the Paolo Orsi Museum (Siracusa, Italy): Non-Destructive Compositional Analysis" (**R.H. Tykot**, A. Vianello, K.P. Freund & A. Crispino), 8th Annual Oktoberfest, University of South Florida, Tampa, October 17, 2014.
105. "Bronze Age Sardinia: The Nuragic People and their Towers, Giants' Tombs, and Use of Metals," Time Sifters Archaeology Society, Sarasota, Florida, February 19, 2014.
104. "Material Movement Modes in the Mediterranean: Obsidian Sourcing Using PXRF Instruments," 7th Annual Oktoberfest, University of South Florida, Tampa, October 25, 2013.
103. "Isotopic and Element Analysis of Human Remains to Study Diet and Mobility in the New World," University of Georgia, Athens, Georgia, March 20, 2013.
102. "Obsidian in the Mediterranean: The Prehistoric Trade of Black Gold," Grand Bay Club, Longboat Key, Florida, February 27, 2013.
101. "Using Tissue Chemistry to Assess Individuals' Dietary Practices," 6th Annual Tampa and Pinellas Dietetics Association Symposium, Carillon Outpatient Center, St. Petersburg, Florida, February 23, 2013.
100. "Isotopic and Elemental Analysis of Human Remains to Study Diet and Mobility in the New World," Temple University, Philadelphia, PA, February 22, 2013.
99. "Dietary Practices in the Americas and the Spread of Maize", Mississippi State University, Starkville, MS, February 7, 2013.
98. "Non-Destructive Sourcing of Prehistoric Pottery from the Southeastern United States Using pXRF," 6th Annual Oktoberfest, University of South Florida, Tampa, October 26, 2012.
97. "Investigation of Subsistence and Settlement Patterns Within the Hungarian Avar Tribe Using Multi-Isotopic Analyses" (L. Noche-Dowdy, M.A. Pope, **R.H. Tykot**, G.D. Kamenov & E.H. Kimmerle), 6th Annual Oktoberfest, University of South Florida, Tampa, October 26, 2012.
96. "Finger-Imprinted Phoenician-Punic Hearth Ceramics: Testing for Potential Metallurgical Usage," 6th Annual Oktoberfest, University of South Florida, Tampa, October 26, 2012.
95. "Non-Destructive Trace Element Analysis of Human Bones to Examine Diet and Mobility," 6th Annual Oktoberfest, University of South Florida, Tampa, October 26, 2012.
94. "A Provenance Study of Pottery from Dilmun Sites in Kuwait and Bahrain Using Non-Destructive XRF Analysis" (H. Ashkanani, **R.H. Tykot** & T. Murakami), 6th Annual Oktoberfest, University of South Florida, Tampa, October 26, 2012.
93. "Trace Element Analysis of Late Horizon Pottery from the Huancabamba Valley, Cajamarca, Peru" (J. Peña & **R.H. Tykot**), 6th Annual Oktoberfest, University of South Florida, Tampa, October 26, 2012.

92. "Using Elemental and Isotopic Analysis for Studying Ancient Trade of Marble, Obsidian, Ceramics, and Metals," invited lecture for the Anthropology Club, University of South Florida, Tampa, March 28, 2012.
91. "Using X-ray Fluorescence for Materials Analysis and Trade Studies of Pottery and Other Materials," invited lecture for the South Florida chapter of the Archaeological Institute of America, Boca Raton, FL, March 12, 2012.
90. "Sourcing of Obsidian and Marble in the Mediterranean," invited lecture for Environmental Studies/Art History, Emory University, Atlanta, Georgia, February 21, 2012.
89. "Reconstructing Ancient Diets in the New World thru Bone Chemistry," Warm Mineral Springs/Little Salt Springs Archaeological Society, North Port, Florida, December 13, 2011.
88. "Non-Destructive Elemental Analysis of Ceramics and Other Materials: Case Studies in Florida and Elsewhere," 5th Annual Oktoberfest, University of South Florida, Tampa, October 21, 2011.
87. "Using Element and Isotopic Analysis of Ancient Human Bones to Study Migration and Diet in Prehistoric Peru" (C. Bergmann & **R.H. Tykot**), 5th Annual Oktoberfest, University of South Florida, Tampa, October 21, 2011.
86. "Non-Destructive Portable XRF for Elemental Analysis of Archaeological Metals, Ceramics, Obsidian, Bone, and Soil," Stavanger, Norway, September 13, 2011.
85. "Food and Dietary Practices in the Ancient Mediterranean," invited lecture for the AIA tour "Rome to Venice", April 25, 2011.
84. "Prehistoric Malta Temples and Hypogea," invited lecture for the AIA tour "Rome to Venice", April 23, 2011.
83. "Ancient Trade in the Mediterranean," invited lecture for the AIA tour "Rome to Venice", April 21, 2011.
82. "Bronze Age Sardinia and Corsica," invited lecture for the AIA tour "Rome to Venice", April 19, 2011.
81. "You Are What You Ate: Chemical Analysis of Human Remains," invited lecture for the Anthropology Club, University of South Florida, Tampa, October 28, 2010.
80. "Environmental Change and Prehistoric Dietary Adaptations: Chemical Analyses of Human Remains," invited lecture for the Environmental Research Interdisciplinary Colloquium seminar series, University of South Florida, Tampa, September 22, 2010.
79. "Ancient Mediterranean Diets," invited lecture for the AIA tour "Fabled Islands of the Mediterranean," May 31, 2010.
78. "Bronze Age Sardinia and Corsica," invited lecture for the AIA tour "Fabled Islands of the Mediterranean," May 30, 2010.
77. "Trade in the Ancient Mediterranean," invited lecture for the AIA tour "Fabled Islands of the Mediterranean," May 29, 2010.
76. "Malta: Prehistoric Temples and Hypogea," invited lecture for the AIA tour "Fabled Islands of the Mediterranean," May 28, 2010.
75. "Scientific Applications in Archaeology: Elemental and Isotopic Analyses of Bones and Stones," invited lecture for Undergraduate Research Board, University of South Florida, Tampa, March 2, 2010.
74. "They Are What They Ate: Bone Chemistry and Ancient Diets," Sigma Xi Distinguished Lectureship Program, Franklin & Marshall College, Lancaster, PA, December 11, 2009.
73. "BC & AD in Latin America: Stable Isotope Analysis and Precolumbian Human Diets," University of Florida, Gainesville, Florida, September 25, 2009.
72. "Using Portable XRF for Elemental Analysis of Obsidian, Metals, Ceramics, and Other Archaeological Materials," University of Florida, Gainesville, Florida, September 25, 2009.
71. "Bone Chemistry and Ancient Diets in the New World," New College, Sarasota, Florida, March 16, 2009.
70. "Using Portable XRF for Elemental Analysis of Stone, Metal, Ceramic, Bone, Soil and Other Archaeological Materials," Central Gulf Coast Archaeological Society, Weeden Island Preserve, December 18, 2008.

69. "Sardinia in the Mediterranean: Trade in Obsidian, Metals, and Ceramics from the Neolithic to the Iron Age," Time Sifters, Selby Library, Sarasota, Florida, November 19, 2008.
68. "Mystery Skull: Paleopathology and Biological Variation in an Indigenous Australian" (C. Echazabal, E.H. Kimmerle, & **R.H. Tykot**), University of South Florida Graduate School Student Success Research Symposium, Tampa, FL, November 6, 2008.
67. "Castello di Fiumedinisi Field Program 2008," Sigonella US Naval Base, Sicily, Italy, June 17, 2008.
66. "Using Portable XRF for Elemental Analysis of Archaeological Material Including Obsidian, Metals, and Ceramics," Università degli Studi di Cagliari, Dipartimento di Scienze Archeologiche e Storico-Artistiche, Sardinia, Italy, May 21, 2008.
65. "L'Algérie dans le commerce international de marbre, résultats des tests" (J. Herrmann, **R.H. Tykot** & A. van den Hoek), Constantine Museum, Constantine, May 4, 2008.
64. "Reconstituer le Commerce du Marbre et d'autres matériaux", Constantine Museum, Constantine, May 4, 2008.
63. "L'Algérie dans le commerce international de marbre, résultats des tests" (J. Herrmann, **R.H. Tykot** & A. van den Hoek), Algeria, April 29, 2008.
62. "Reconstituer le Commerce du Marbre et d'autres matériaux", Algiers Museum, Algeria, April 29, 2008.
61. "BC/AD in the New World? Using Bone Chemistry to Study Ancient Diets," Southwest Florida Archaeological Society and Florida Gulf Coast University, Fort Myers, Florida, March 19, 2008.
60. "Obsidian Subsources and Trade in the Mediterranean: Nondestructive Chemical Fingerprinting," Fitch-Wiener Labs Seminar on Science-Based Archaeology, Athens, Greece, February 20, 2008.
59. "Isotope Studies and the Origins and Spread of Agriculture in Latin America", University of Florida, Gainesville, Florida, September 27, 2007.
58. "Applicazioni scientifiche in Archeologia", Giornate Archeologiche Nisane, Progetto di scavo a Monte Belvedere, Fiumedinisi. Ali (Sicily), June 16, 2007.
57. "Bone Chemistry and Ancient Diets in the Mediterranean", Tufts University, Medford, Massachusetts, April 13, 2007.
56. "Stable Isotope Analysis of Human Remains to Study Ancient Diets in the New World", Tufts University, Medford, Massachusetts, April 12, 2007.
55. "'Fantastic' Archaeology: What Inquiring Minds Should Know," Time Sifters, Sarasota, Florida, February 21, 2007.
54. "Bronze Age Sardinia and its Mediterranean Connections," University of Georgia, Athens, Georgia, March 29, 2006.
53. "They Are What They Ate: Bone Chemistry and Ancient Diets," University of Georgia, Athens, Georgia, March 28, 2006.
52. "Neolithic to Nuragic Sardinia: Black Gold, Bronze, and Bones *nella più Bell'Isola del Mediterraneo*," John Cabot University, Rome, Italy, March 13, 2006.
51. "*Fantastic* Archaeology: Critical Thinking and the Study of the Past," Center for Inquiry, Tampa, Florida, February 18, 2006.
50. "Sardinia in the Mediterranean," Italian-American Culture Club (Amici), Sun City, Florida, February 8, 2006.
49. "Obsidian Sources, Workshop Production, Trade and Use in the Central Mediterranean," University of Cambridge, England, November 4, 2005.
48. "Scientific Studies of Obsidian Sources and Trade in the Central Mediterranean," University of Manchester, England, November 3, 2005.
47. "Sardinia in the Mediterranean: Sea Peoples and Other Connections in the Late Bronze-Early Iron Age," Oriental Institute, Chicago, Illinois, March 4, 2005.
46. "BC/AD? Bone Chemistry and Ancient Diets," University of Chicago, Illinois, March 3, 2005.

45. "Mediterranean Trade in Black Gold: The Chaîne Opératoire of Obsidian," Northwestern University, Evanston, Illinois, March 3, 2005.
44. "Bridging the Gap between Social Science and Materials Science: Archaeologists Use Modern Technology to Study Ancient Technology" (C.E. Wells & **R.H. Tykot**), Symposium on 21st Century Teaching Technologies: A Continuing Series of Explorations, University of South Florida, Tampa, March 2, 2005.
43. "The Contribution of Stable Isotope Studies to New World Archaeology," Las Leñas, Argentina, January 22, 2005.
42. "Obsidian Sources and Trade in the Central Mediterranean," Las Leñas, Argentina, January 22, 2005.
41. "The Contribution of Stable Isotope Studies to New World Archaeology," Universidad de Chile, Santiago, Chile, January 18, 2005.
40. "The Contribution of Stable Isotope Studies to New World Archaeology," Florida State University, Tallahassee, Florida, December 7, 2004.
39. "They Are What They Ate: Stable Isotope Data for South American Diets," Boston University, Boston, Massachusetts, December 2, 2004.
38. "Bone Chemistry Studies on Ancient Diet in Mesoamerica," University of Massachusetts, Boston, Massachusetts, December 1, 2004.
37. "Understanding the Introduction and Importance of Maize in Latin America: The Contribution of Stable Isotope Analysis," Harvard University, Cambridge, Massachusetts, November 15, 2004.
36. "Keynote Speech: Obsidian Studies in the World," Opening of Obsidian Museum in Nagato Township, Japan, September 5, 2004.
35. "Sardinia in the Mediterranean," The Education Center, Longboat Key, Florida, March 23, 2004.
34. "Pre-Roman Sardinia and its Mediterranean Connections," Emory University, Atlanta, Georgia, March 4, 2004.
33. "Nuclear Techniques in Archeology," Istituto di Fisica Generale Applicata, University of Milan, Italy, September 23, 2003.
32. A series of lectures as part of a postdoctoral course on "Physics Methods in Archaeometry," International School of Physics "Enrico Fermi", Società Italiana di Fisica, Varenna, Italy, June 17-27, 2003.
31. "Ancient Diet and its Role in the Rise and Fall of the Maya," Latin American and Caribbean Studies Program, University of South Florida, March 20, 2003.
30. "Prelude to Greek and Phoenician Colonization of Southern Italy: Merchants, Prospectors, and other Connections with the Aegean in the Late Bronze Age," Tampa Museum of Art, Tampa, Florida, March 6, 2003.
29. "Diet and Subsistence in Latin America: Contributions from Stable Isotope Analysis," Missouri University Research Reactor, Columbia, Missouri, February 27, 2003.
28. "Sardinia in the Mediterranean during the Neolithic and Bronze Ages," Missouri Archaeological Society, Columbia, Missouri, February 26, 2003.
27. "Sardinia in Mediterranean Prehistory," Time Sifters Archaeology Society, Sarasota, Florida, November 20, 2002.
26. "Bone Chemistry and the Reconstruction of Prehistoric Subsistence Adaptations in Latin America," University of Georgia, Athens, March 1, 2002.
25. "Mediterranean Black Gold: Prehistoric Exploitation and Trade of Obsidian," University of Georgia, Athens, February 28, 2002.
24. "Sardinia in the Mediterranean," Archaeological Institute of America, South Pennsylvania Society, Gettysburg College, November 8, 2001.
23. "Prehistoric Obsidian Trade in the Mediterranean," R.S. Webster Lecture, Archaeological Institute of America, Columbus (Ohio) Society, November 7, 2001.
22. "Sardinia in the Mediterranean," R.S. Webster Lecture, Archaeological Institute of America, Appleton (Wisconsin) Society, November 6, 2001.

21. "Decoding Ancient Diets: Indigenous Subsistence Adaptations in Latin America," R.S. Webster Lecture, Archaeological Institute of America, Iowa City Society, November 5, 2001.
20. "Deer, Dogs, and the Diet of the Maya," USF Latin American and Caribbean Studies Symposium 'The Cultures of the Gulf of Mexico,' St. Petersburg, April 27, 2001.
19. "Scientific Approaches to Studying Past Human Socioeconomic Systems: Current Research and an Agenda for the Future," The Field Museum of Natural History, Chicago, February 9, 2001.
18. "Reconstructing Subsistence Patterns and Social Relations: Some Recent Applications in Latin America," The Field Museum of Natural History, Chicago, February 8, 2001.
17. "Snorkeling for Black Gold on Mediterranean Islands (or what I did this summer)," Anthropology Club, University of South Florida, Tampa, October 16, 2000.
16. "Stable Isotopes and Reconstructing Ancient Diets: Recent Developments and Applications in the New and Old World," University of Pennsylvania, Philadelphia, Pennsylvania, December 3, 1999.
15. "The Archaeology of Sardinia - Recent Developments," West Chester University, West Chester, Pennsylvania, December 3, 1999.
14. "New Directions in Dietary Reconstruction from Stable Isotopes: Some Examples from the New and Old Worlds," Oxford University, Oxford, England, November 11, 1999.
13. "State of the Art in Obsidian Sourcing and Archaeological Interpretation," University of Nottingham, Nottingham, England, November 10, 1999.
12. "Problems and Prospects for Dietary Reconstruction from Stable Isotopes: Some Examples from the New and Old Worlds," Bradford University, Bradford, England, November 9, 1999.
11. "Obsidian Trade and the Neolithic in the Mediterranean," Department of Anthropology, University of Florida, Gainesville, April 14, 1999.
10. "Geochemical Analysis of Obsidian Artifacts: Reconstructing Ancient Trade in the Mediterranean," Department of Geology Seminar Series, University of South Florida, Tampa, February 16, 1998.
9. "Prehistoric People and the Environment: The Ecological Impact of Human Settlement and the Introduction of Agriculture and Animal Husbandry," Environmental Science and Policy Colloquium Series, University of South Florida, Tampa, January 23, 1998.
8. "From Manatees to Maize: Reconstructing Human Diet in the New World," Warm Mineral Springs Archaeological Society, North Port, Florida, December 10, 1997.
7. "Bone Chemistry, Human Diets, and the Origins of Maize Agriculture in the New World," Department of Biology Seminar Series, University of South Florida, Tampa, November 7, 1997.
6. "Decoding Ancient Diets: Maize and Marine Foods in Mesoamerica and Other Areas of the New World," Central Gulf Coast Archaeological Society, St. Petersburg, June 10, 1997.
5. "Determining the Source of Things: Prehistoric Obsidian Exchange in Southeast Asia and Melanesia," Anthropology Club, University of South Florida, March 26, 1997.
4. "The Nuraghi Builders: Sardinia and the Bronze Age Mediterranean," Tampa Bay Society of the Archaeological Institute of America, January 21, 1997.
3. "Obsidian Exchange and Western Mediterranean Prehistory: New Evidence from Sardinia," Norwalk Community Technical College, Norwalk, March 14, 1996.
2. "Searching for Subsistence: Deer, Dogs, and the Diet of the Maya," University of South Florida, Tampa, March 1, 1996.
1. "Obsidian Exploitation and the Social Economy in the Neolithic Central Mediterranean," Wayne State University, Detroit, January 18, 1995.

INVITED SCHOOL PRESENTATIONS

16. "Pseudoarchaeology vs. Real Archaeology," Jefferson High School, Tampa, Florida, September 27, 2016.

15. "Scientific Archaeology in the Mediterranean Iron Age," Steinbrenner High School, Lutz, Florida, given twice on October 27, 2011.
14. "From Evolution to Complex Societies," John Long Middle School, Wesley Chapel, Florida, December 13, 2010.
13. "Fantastic Archaeology," Sickles High School, Tampa, Florida, given twice on December 15, 2009.
12. "Science, Archaeology, and Human Evolution," Young Middle Magnet School, Tampa, Florida, given twice on October 23, 2008.
11. "Bone Chemistry and Ancient Diets," Young Middle Magnet School, Tampa, Florida, given twice on October 23, 2008.
10. "Archaeology and Science," Stewart Magnet School, Tampa, Florida, November 14, 2007.
9. "Archaeology, Science, and Human Origins," Martinez Middle School, Lutz, Florida, February 1, 2007.
8. "Excavation and Analysis of Fossils: Modern Archaeological Methods," Science, Evolution and Critical Thinking Workshop for Hillsborough County Science Teachers, Tampa, Florida, October 13, 2006.
7. "Decoding Ancient Diets: Origins and Spread of Maize," Brewster Technical School, Hillsborough County, Florida, September 27, 2006.
6. "Human Evolution," Brewster Technical School, Hillsborough County, Florida, February 16, 2006.
5. "Human Evolution," Brewster Technical School, Hillsborough County, Florida, November 30, 2005.
4. "Human Evolution," Riverview High School, Hillsborough County, Florida, October 12, 2005.
3. "Human Evolution," Ridgwood High School, Pasco County, Florida, September 14, 2005.
2. "Human Prehistory," Ridgwood High School, Pasco County, Florida, August 26, 2004.
1. "Human Origins," Tarpon Springs High School, Pinellas County, Florida, March 17, 2004.

EXTERNAL GRANTS & CONTRACTS

Competitive Grant Awards

45. National Science Foundation 15-5554 BCS Archaeology DDRI (PI, for student Aurelien Tafani), Mobility in the Northern Balkans during the Copper Age: Isotope Analyses for Varasti-Gradistea Ulmilor. 2022-2024. Submitted.
44. National Science Foundation 98-1392 BCS Biological Anthropology (PI, with 3 co-PIs), Reconstructing the Oral Microbiome and its Correlation with Infectious Diseases and Nutritional Status during the Quarantine Period in Lazzaretto Vecchio, Venice, Italy (1423-1700) (2023-2026). Submitted.
43. National Science Foundation 20-604 (co-PI, with R.H.Y. Jiang et al.), The Institute for Advancing Artificial Intelligence (AI) for Integrative Biology (AIBI). Submitted.
42. Archaeological Institute of America - National Endowment for the Humanities (PI - R.H. Tykot, with Christopher Eck), Diet and Mobility Reconstruction of Neolithic and Copper Age Agropastoralists of the Central Po Valley, Italy. \$15,000 (2020-2021)
41. National Science Foundation (BCS 1916933) Archaeology (Senior Researcher, for PI K. Weedman Arthur), Frontier Landscapes in the Horn of Africa: Communities of Resistance or Resilience. \$270,316 (2020-2022)
40. Cardno Cultural Resources, Elemental Analysis of Fort Brooke Tooth Filling. \$25 (2019)
39. Wenner-Gren Foundation (Ronin Institute for Independent Scholarship, K. Killgrove), Stable Isotope Analysis of Individuals from Oplontis (Italy). \$5140 (2019)
38. National Geographic Society Grant BGS 58193-R-19 (Project Member, with PI N. White), Prehistoric People of Richardson's Hammock Site, Northwest Florida. \$1250 (2019)

37. Rust Family Foundation (PI, with G. Caso), Recipes for the living and the dead: technological investigation of Late Bronze Age ceramics for a specific audience. The case studies of Sant'Angelo Muxaro and Polizzello. \$6000 (2019)
36. Rust Family Foundation (PI, with Ashley Maxwell), Exploring Variations in Diet and Health from Late Antiquity to the Early Medieval Period in the Veneto, Italy: A Biochemical Analysis. \$6360 (2018)
35. International Catacomb Society (PIs R.H. Tykot & A. Vianello), Mobility in north-eastern Italy between the Late Roman and Byzantine periods: the view from stable isotopes. \$16,200 (2017-2018)
34. The National Council of Culture Arts and Letters in Kuwait (H. Ashkanani), pXRF Analyses of Multiple Spots on Ceramics from Sabbyia in North Kuwait, \$4825 (2016-2017).
33. PaleoWest Foundation (PIs H. McCaffery, K. Miller & R.H. Tykot), Stable Isotope Analysis of Turkey (*Meleagris gallopavo*) Diet from Basketmaker III Tohatchi Phase Sites, Chuska Valley, Northwest New Mexico, \$760 (2017)
32. International Catacomb Society (PIs R.H. Tykot & K.), Quantifying the Roman Diet: Improving the Accuracy and Precision of Paleodietary Reconstructions by Isotope Analysis, \$10,500 (2016)
31. Proyecto Fondecyt, Chile (#1090200, F. Falabella), Isotope Analysis of Bones & Teeth from Peru, \$605 (2013)
30. National Science Foundation dissertation improvement grant (BCS-1241943, R.H. Tykot, PI for doctoral student Rheta Lanehart), Patterns of Consumption: Ceramic Residue Analysis at Liangchengzhen, Shandong, China, \$24,210 (2012-14)
29. Sigma Xi, The Scientific Research Society (award to student Jason Kupersmith), Elemental Analysis, Diet and Mobility at Chokepukio (Peru), \$1000 (2011-2012)
28. National Science Foundation (BCS) (senior personnel member, for PIs K.W. Arthur, J.W. Arthur & M.C. Curtis), An Ethnoarchaeological and Archaeological Study of the Gamo Caste System in Southwestern Ethiopia, \$3600 (2010-2012)
27. National Science Foundation dissertation improvement grant (BCS-0622452, awarded to doctoral student K. Killgrove, University of North Carolina at Chapel Hill), Isotope Analysis and Diet at Imperial Roman Sites, \$3380 (2008-9)
26. Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT-FONCYT), Argentina (PI: O. Mendonça, Universidad Nacional de Río Cuarto), Elemental and Isotope Analyses for Ceramic Period Sites in NW Argentina, \$4115 (2008-9)
25. Samuel H. Kress Foundation (J.J. Herrmann, Jr., A. van den Hoek & R.H. Tykot), Ancient Marble and Obsidian in Algeria: Scientific and Archaeological Approaches, \$10,000 (2007-8)
24. National Science Foundation, EAR Instrumentation & Facilities (EAR-0732476, co-PI with S.E. Kruse, C.B. Connor, E.H. Kimmerle & M.T. Stewart), Acquisition of High Resolution Ground Penetrating Radar for Volcanological, Hydrogeological, and Very Near Surface Investigations, \$173,188 (2007-9)
23. The American Institute for Maghrib Studies (AIMS), Ancient Marble and Obsidian in Algeria: Scientific and Archaeological Approaches, \$2000 (2007-8)
22. CONICET-INCUBA, Universidad Nacional del Centro de la Provincia de Buenos Aires (PI: C. Favier), Ancient Diets in the San Matais Gulf, Argentina, \$1700 (2007)
21. Wenner Gren (award to Carrie Anne Berryman, Vanderbilt University), Paleodietary Insight into the Rise of the Tiwanaku State \$6660 (2005-7)
20. National Science Foundation (BCS-0612858, R.H. Tykot, PI for doctoral student Luca Lai), Stable Isotopes: Diet and Climate in Mediterranean Prehistory. The Case of Sardinia ca. 4000-1900 BC, \$11,970 (2006-7)
19. Wenner-Gren (dissertation award to Valerie A. Andrushko, University of California Santa Barbara), The Origins and Impact of the Inca State: A Bioarchaeological Investigation of the Cuzco Valley \$5150 (2006)
18. Samuel H. Kress Foundation (co-PI, with J.J. Herrmann & A. Van den Hoek), Scientific Studies of Marble Used in Algeria in Antiquity, \$17,514 (2006)

17. CONICET Buenos Aires, Argentina (PI: G. Politis), Diet at the Argentine Pampa Site of Arroyo Seco, \$1325 (2005-7)
16. National Science Foundation (BCS-9617389, R.H. Tykot, PI for doctoral student Travis Doering), El Marquesillo Archaeological Survey, \$11,530 (2004-6)
15. Texas Department of Transportation (PI: Prewitt and Associates, PAI #203022), Data Recovery at 41MM341, Milam County, Texas, \$3000 (2004-5)
14. Fondo Nacional de Desarrollo Científico y Tecnológico (FONDECYT) no. 1040553 y 7040154 (PI: F. Falabella; External Investigator: R.H. Tykot), Dieta de las Poblaciones Alfareras Prehispanas de Chile Central, \$6240 (2004-5)
13. National Science Foundation dissertation improvement grant (awarded to Celeste Gagnon, University of North Carolina), Ancient Diet at Cerro Oreja (Peru), \$1615 (2004-5)
12. National Science Foundation (PI: A. Underhill, Field Museum, Chicago), Neolithic Subsistence Adaptations at Liangchengzhen, Shandong, China, \$3815 (2002-05)
11. Sigma Xi, The Scientific Research Society (award to student N. Shelnut), Isotopic Analysis of Mummies from Northwestern Argentina, \$200 (2004)
10. Sigma Xi, The Scientific Research Society (award to student N. Falk), Differential Subsistence Adaptations of Agriculturalists and Herders of the Early Intermediate Period in the Lurin Valley, Peru: New Data From Stable Isotope Analysis, \$1000 (2003)
9. Sigma Xi, The Scientific Research Society (award to student L. Lai), Tracing Differences in Dietary Patterns Between Inland and Coastal Sites in Neolithic Sardinia, \$800 (2003)
8. Sigma Xi, The Scientific Research Society (award to student K. Lafrenz), Source of Ivory from the Uluburun Shipwreck, Turkey, \$300 (2002-03)
7. CONICET, Buenos Aires, Argentina, Southern Patagonia Paleodiet Study, \$484 (2001)
6. National Science Foundation (BCS-0075535, PI: R.H. Tykot), Obsidian Sources and Prehistoric Trade in the Central Mediterranean, \$168,079 (2000-2003)
5. National Science Foundation dissertation improvement award (C. Luke, Cornell University), Source analysis of Uluva Valley (Honduras) Classic Maya marble vessels, \$5511 (1999-2000)
4. Foundation for the Advancement of Mesoamerica Studies (S. Whittington, University of Maine), Stable isotope analysis of teeth from Iximche, Guatemala, \$2150 (1999).
3. National Science Foundation dissertation improvement grant (C. Luke, Cornell University), Isotopic analysis of marble sources in the Uluva Valley (Honduras), \$480 (1997-98)
2. Historical Metallurgy Society research grant, Bronze Age metalworking at Nuraghe Santa Barbara, Sardinia, £100 (1994)
1. American School of Prehistoric Research dissertation research grant, \$3500 (1993)

Contracts with Colleagues at Universities, Museums, Agencies

118. Christopher J. Edwards (Tampa, FL), Elemental Analysis of a Metal Figurine from a Florida Flea Market. \$25 (2020)
117. History Fort Lauderdale (FL), Analysis of US Military Copper Medallion. \$150 (2019)
116. Consorcio Nacional Yati, Bogota, Colombia (N. Alvarez), Laboratory Analysis of Human Remains from Colombia. \$1190 (2019)
115. East Carolina University (C. Taylor), Stable Isotope Analysis of Historic Individuals from the Gause Cemetery. \$1980 (2019)
114. University of South Florida (D. Tanasi), Stable Isotope Analysis of Skeletal Remains from Santa Lucia, Sicily. \$1885 (2019)
113. Kennesaw State University (T. Powis), Stable Isotope Analysis of a Marble Sculpture from Pacbitun, Belize. \$35 (2018)
112. Yale University (A. Underhill), Analysis of Organic Residues on China Ceramics. \$200 (2018)
111. University of South Florida (C. Stanish), Analysis of Bone Samples from Chinchá, Peru. \$2000 (2018)
110. Emory University, Michael C. Carlos Museum (R.A. Stein), Analysis of Marble Sculptures. \$1253 (2018)

109. University of North Carolina Chapel Hill, Stable Isotope Analyses, \$5937.50 (2018)
108. Groningen University (Martijn Van Leusen), Analysis of Ceramics from Calabria, Italy. \$1791.32 (2018)
107. University of South Florida (J. Bethard), Isotope analysis of bone and teeth from Patakfalva, Romania, \$795 (2017-2018)
106. Isabella Stewart Gardner Museum (Boston, MA), Multi-Method Analysis of Greek Sarcophagus. \$360 (2017)
105. East Carolina University (M. Perry & M. Provan), Isotope analysis of tooth enamel from Petra, Jordan, \$2000 (2017)
104. University of South Florida (J. Bethard), Isotope analysis of bone and teeth from Patakfalva, Romania, \$570 (2017)
103. University of West Florida (M. Voas), Stable isotope analysis of human root collagen from Romania, \$1155 (2017)
102. University of South Florida (D. Wallman), Stable isotope analysis of fauna from Trents Plantation, Barbados, \$1575 (2017)
101. Susan Belanger, Residue analysis of painted rocks in Michigan, \$900 (2017)
100. University of South Florida (C. Wells), Elemental analysis of soils from BHAP, Antigua, \$565 (2017)
99. Frederick Pirone, Analysis of Maltese ceramics, \$5250 (2016)
98. University of Iowa (A. Waterman), Analysis of bone collagen & apatite from Missouri, \$585 (2016)
97. Harvard University (K. Alizadeh), Analysis of metal and slag from Köhne Shahar in Iran, \$200 (2016)
96. University of Iowa (A. Waterman), Human skeletal isotope analyses for two sites in Portugal, \$4890 (2016)
95. University of West Florida (Kristine Killgrove), Collagen and apatite isotope analyses of human bone samples from Gabii (Italy), \$1000 (2016).
94. Brock University (C. Roth-Murray), pXRF Analysis of Pantelleria Ceramics, \$200 (2016)
93. La Trobe University (A. Raudino), pXRF Analysis of Sicily Ceramics, 800 € (2016)
92. Maison des Sciences de l'Homme (MSH) of Aquitaine (Dominique Castex, K.), Aquitaine Region Project, 5000 € (2016)
91. Emory University, Michael C. Carlos Museum (R.A. Stein), Analysis of 15 Marble Samples, \$850 (2015)
90. University of Iowa (K. Lillios), Isotope Analysis of Ovicaprids from Portugal, \$2755 (2014-15)
89. David Butler (Butler Cultural Resource Management), pXRF analysis of Belle Glade Ceramics, \$400 (2015)
88. Mount Mercy University (A. Waterman), Isotope Analysis and Prehistoric Diet in Portugal, \$2330 (2014-15)
87. University of Manitoba (L. Stirling), Stable Isotope Analysis of Marble from Seviac, France, \$800 (2014-15)
86. University of South Florida (E.C. Wells), Analysis of Antigua Soil Samples, \$294 (2015)
85. Theresa Gilbertson, Chemical Analysis of Human Remains from Prehispanic Peru, \$2500 (2014-15)
84. University of Nevada, Las Vegas (Alan Simmons), Sourcing Analysis of Obsidian Artifacts from Cyprus, \$60 (2014)
83. Embassy of the State of Kuwait, College of Social Sciences, Kuwait University. Elemental Analysis of Persian Gulf Ceramics, \$5575 (2014)
82. EIATEC (Colombia, A. Sanchez), Isotope Analysis and Diet in Colombia, \$4145 (2014)
81. Mount Mercy University (A. Waterman), Dietary Practices in Prehistoric Spain, \$2570 (2014)
80. University of South Florida, Tampa (T. Pluckhahn, National Science Foundation grant funds), Analysis of Clay and Ceramics from Crystal River, Florida, \$500 (2013)
79. GCM Services, Inc. (G. Munson), Isotope Analysis of Wyoming Bison, \$660 (2013)
78. Mount Mercy University (A. Waterman), Weaning Study for Bolores, Portugal, \$840 (2013)
77. University of Iowa (K. Lillios), Isotope Analysis and Diet at Bolores, Portugal, \$950 (2013)

76. Universidad de Los Andes, Bogotá, Colombia (M.E. Delgado-Burbano), Isotope Analysis and Diet in Tibanica, Colombia, \$4280 (2012-13)
75. Bureau of Archaeological Research (Daniel Seinfeld), Historic beads in Florida, \$500 (2012)
74. Jose Peña, Analysis of Pottery in Peru by pXRF, \$1500 (2012)
73. SEARCH, Inc. (R. Austin), pXRF Analysis of Eglin (FL) Ceramics, \$325 (2012)
72. Seminoles Indian Tribe (P. Backhouse), Chert Sourcing Analysis with pXRF, \$100 (2012)
71. Michael C. Carlos Museum (Emory University), Marble and Obsidian Analysis, \$500 (2012)
70. Richard Estabrook, Test of Iron Plummet from Deer Island, \$50 (2012)
69. Rachel Nostrom, pXRF Analysis of Florida Ceramics, \$1500 (2012)
68. SEARCH, Inc. (R. Austin), pXRF Analysis of Florida Chert, \$225 (2011-12)
67. John J. Herrmann, Jr., Curator of Classical Art, Emeritus, Museum of Fine Arts, Boston, Geological and Archaeological Marble in Algeria and Tunisia: Isotope Analyses and Sourcing, \$3563 (2011-2012)
66. Embassy of the State of Kuwait, College of Social Sciences, Kuwait University. Quantitative elemental analysis of pottery from Kuwait, \$2700 (2011-2012)
65. University of Oregon (M. Teoh), Sourcing Analysis of Croatia Pottery, \$2525 (2011)
64. Butler Cultural Resource Management, Analysis of Metal Artifacts from 8HG678, Florida, \$120, 2011
63. University of Pennsylvania Museum, Source Grouping of Quirigua, Guatemala Pottery, \$500 (2010-2011)
62. Florida State University (Nancy De Grummond), pXRF Analysis of Etruscan Mirrors to Determine Copper-Based Alloys, \$1000 (2011)
61. Toledo Museum of Art (S. Knudsen), Isotope, XRD, and Grain Size Analysis of Marble, \$105 (2011)
60. University of New Mexico (H. McCaffery), Stable Isotope Analysis of Turkeys to Assess Maize Access, \$3000 (2011)
59. Michael C. Carlos Museum (Emory University), Isotope Analysis for Marble Sourcing, \$425 (2011)
58. University of Texas at Arlington (Dana Parker), Isotope Analysis and Diet on Ambergris Caye, Belize, \$1800 (2011)
57. University of Iowa (A.J. Waterman), Isotope Analysis and Ancient Diet in Spain and Portugal, \$7185 (2009-2011)
56. University of South Florida St. Petersburg (J. Arthur), Analysis of Clay and Obsidian from Ethiopia, \$534 (2009)
55. University of Wisconsin (C. Hays), Southeast US Ceramic Sourcing, \$375 (2009)
54. Brandeis University (J. Dobereiner), Sourcing of Obsidian from Two Sites in Guatemala, \$1500 (2008-9)
53. Rollins College (E. Friedland), Analysis of Classical Marble from Jordan, \$630 (2008-9)
52. University of Wisconsin-Madison (C. Freiwald), Isotopic Analysis of Belize Fauna, \$1200 (2008-9)
51. Toledo Museum of Art (S. Knudsen), Isotope, XRD, and Grain Size Analysis of Marble, \$355 (2008)
50. University of Missouri, Columbia (D. Wescott), Stable Isotope Analysis on an Historic burial in Missouri, \$180 (2008)
49. University of Wisconsin-Madison (T.D. Price & J. Burton), Isotope Analysis and Diet at Colonial Site of Campeche, Mexico, \$1820 (2007-8)
48. Royal Ontario Museum (University of Toronto), Sourcing of Obsidian from al-Midamman, Yemen, \$1080 (2007)
47. Michael C. Carlos Museum (Emory University), Marble Sourcing Using Multiple Methods, \$1660 (2006-7)
46. The Bahamas, Analysis of Prehistoric Bahamian Dietary Practices, \$4700 (2006)
45. University of Colorado and Eastern New Mexico University (B. DeBoer), Dietary Study of Pueblo Remains from the Tommy Site and Mine Canyon, New Mexico, \$3040 (2006)
44. New York State Museum, Study of Kipp Island Human Teeth, \$180 (2006)

43. University of Missouri-Columbia, Museum of Art and Archaeology, Isotopic Analysis of Marble, \$250 (2005)
42. Honolulu Academy of Arts, XRD and Stable Isotope Analysis of Marble Samples, \$680 (2005)
41. Honolulu Academy of Arts, Multi-Method Analysis of 8 Marble Sculptures, \$680 (2005)
40. Ward & Company Works of Art, Inc., Analysis of Ancient Greek Marble Heads, \$200 (2005)
39. Museo de Historia Natural, Argentina (A. Gil), Stable Isotope Analysis of Human Remains from Central-Western Argentina, \$7575 (2003-5)
38. Museum of Fine Arts, Boston, Stable Isotope Analysis of Classical Marble Sculptures, \$5630 (2002-05)
37. Universidad de Magallanes, Stable Isotope Analysis of Human Remains from Tierra del Fuego, \$60 (2004)
36. Centro Nacional Patagonico, Argentina, Stable Isotope Analysis of Human Remains from north-central Patagonia, \$325 (2003-4)
35. Southern Methodist University, Stable Isotope Analysis of Human Remains from Yaxuna, Mexico, \$1120 (2003-4)
34. Boston University, Stable Isotope Analysis of Human Remains from La Milpa, Belize, \$540 (2003-4)
33. Worcester Art Museum, Massachusetts, Isotopic and XRD Analysis of Marble from Antioch, \$3840 (2002-4)
32. University of Texas at El Paso, Stable Isotope Analysis of Turtles from Badlands National Park, South Dakota, \$1785 (2003-4)
31. University of Cambridge (England), Stable Isotope Analysis of Middle Bronze Age Sant'Abbondio (Campania, Italy) Skeletal Samples, \$475 (2003)
30. University of California, Berkeley, Sardis (Turkey) marble analysis, \$30 (2003)
29. Howard University, Stable Isotope Analysis of Archaeological Samples from Chunchucmil, Mexico, \$285 (2002-03)
28. R. Christopher Goodwin & Associates, Characterization of Maryland Rhyolites, \$800 (2002-03)
27. CRC International Archaeology & Ecology, Texas, Stable Isotope Analysis of a Tooth Enamel Sample, \$50 (2002)
26. Alan K. Safani, New York, Isotopic Analysis of a Roman Hippocamp with Nereid, \$200 (2002)
25. Aristotelian University, Greece, Bone Chemistry of the Iron Age cemetery at Tzamala, \$135 (2002)
24. Florida Museum of Natural History, Gainesville, Paleodietary Analysis of Skeletal Remains from Florida, \$1000 (2002)
23. Universidad Nacional de Mar de la Plata, Argentina, southern Patagonia paleodiet study, \$145 (2001)
22. Florida State University, Isotopic Analysis of Teeth from Mesoamerica, \$80 (2001)
21. Rhode Island School of Design, Source Analysis of Marble Sculptures in the RISD Collections, \$300 (2001)
20. Gotland University, Sweden, Dietary Change during the Viking and Early Christian Periods, \$950 (2000-2001)
19. Programa de Estudios Prehistoricos (Buenos Aires, Argentina), southern Patagonia paleodiet study, \$1125 (2000)
18. Panamerican Consultants Inc., Ground Penetrating Radar Survey of Foster Property, Sarasota, \$750 (2000)
17. Transvaal Museum, Pretoria, South Africa, Sr/Ca ratios and trophic positioning of early hominids, \$4250 (1999-2000)
16. University of Southampton, source analysis of Bova Marina (Italy) obsidian, \$425 (1999-2000)
15. Uppakrik archaeological survey project, \$950 (1999)
14. Ben-Gurion University of the Negev, Israel, analysis of obsidian from the Camel Site, \$60 (1999)
13. University of Southampton, source analysis of Adriatic island obsidian, \$225 (1999)

12. Universidad Nacional de Mar del Plata, Argentina, stable isotope analysis of skeletal remains from southern Patagonia, \$1150 (1999)
11. Toledo Museum of Art, source analysis of classical marble sculptures, \$60 (1999)
10. Toledo Museum of Art, classical marble sculpture analysis, \$200 (1998)
9. Colonia-Edmondson archaeological and historical survey project, \$2750 (1998)
8. Ryan Parcel archaeological survey project, \$900 (1998)
7. Smithsonian Institution, stable isotope analysis and tooth enamel hypoplasia, \$200 (1997-98)
6. Centro Nacional Patagonico, Argentina, paleodietary study of hunter-gatherers in northern Patagonia, \$1040 (1997-98)
5. Diocese of Venice archaeological survey project, \$2600 (1997)
4. Englewood Disposal archaeological survey project, \$1165 (1997)
3. Douglas Property archaeological survey project, \$1875 (1997)
2. Sardis Expedition, analysis of marble from Sardis, Turkey, \$340 (1996)
1. Carleton College, Sardis marble project, \$360 (1995)

INTERNAL USF AWARDS

Research

24. USF Creative Scholarship Grant, for “Plague in Venice Project: A Pilot Study Using Isotope Analyses and Proteomics,” \$10,000 (2021). Now scheduled for 2022.
23. USF Outstanding Research Award for 2020 Accomplishments, \$2000 (2021)
22. USF Outstanding Research Award for 2019 Accomplishments, \$2000 (2020)
21. USF Outstanding Research Award for 2017 Accomplishments, \$2000 (2018)
20. USF Research and Creative Scholarship Grant, for “Field Coring and Radiocarbon Dating of Early Agricultural Sites in Western Europe: for NSF resubmission,” \$10,000 (2018)
19. USF Research & Innovation, for serving as PI for research grant funding applications (2017), \$400 (spring 2018)
18. USF Research and Creative Scholarship Grant, for “Survey and Analysis of Early Agricultural Sites in the Tavoliere (Italy) in Preparation for a Major NSF Proposal,” \$9757 (2015-16)
17. USF Research & Innovation, for serving as Principal Investigator on research (2013-14), \$200 (fall 2014)
16. USF Office for Undergraduate Research Interdisciplinary Research Scholarship to mentee Hannah Feig, “Trace Element and Sourcing Analysis of Prehistoric Ceramics from Northwest Florida using Portable X-ray Fluorescence Spectrometry,” \$750 (spring 2013)
15. USF College of Arts and Sciences Internal Award, for Creating NSF Proposal for Excavation in Scano di Montiferro, Sardinia (Italy), \$1500 (spring 2013)
14. USF Undergraduate Research Awards to mentees Saiteja Mallipeddi & Jessica Leon, “What did people eat in late prehistoric Portugal?” Undergraduate Research and Arts Colloquium, \$250 (April 18, 2012)
13. USF Humanities Institute “Ancient Mediterranean Trade of Marble from Algeria and Tunisia,” \$5000 (summer 2010)
12. USF Institute for the Study of Latin America and the Caribbean, “Long Distance Obsidian Trade in Mesoamerica: Chemical Fingerprinting of Lithic Artifacts from Sites in Mexico and Guatemala,” \$3000 (2010)
11. USF Humanities Institute, “Marble and Obsidian in North Africa: Investigating Sources and Trade in Antiquity,” \$5000 (2007-8)
10. USF Institute for the Study of Latin America and the Caribbean, “Seasonal Dietary Practices in Ancient Peru: Isotope Analysis of Human Hair Segments,” \$990 (2007)
9. USF Honors College Undergraduate Research Grant, to student Leya Collins, “Ancient Diets at Chokepukio, Peru: Stable Isotope Analysis,” \$500 (spring 2007)

8. USF Undergraduate Research Grant, to student Anna Metroka, "Early Historic Diets in Latin America," \$500 (fall 2006)
7. Latin American and Caribbean Studies Program Grant, "Pre-Inca Agriculturalists and Herders in the Lurin Valley, Peru," \$500 (2004)
6. Established Researcher Grant, "Dietary and Subsistence Adaptations in Precolonial Florida," \$5000 (2002-03)
5. Latin American and Caribbean Studies Program Grant, "The Importance of Maize in Prehistoric Mexico," \$1000 (2001)
4. College of Arts & Sciences, Faculty Development Grant, "Pre- and Post-Contact Subsistence patterns in Peninsular Florida," \$1500 (2001)
3. Presidential Young Faculty Award, Origins and Significance of Maize Agriculture in Latin America, \$10,000 (1998)
2. Research and Creative Scholarship Award, Sources and Trade of Western Mediterranean Obsidian, \$7500 (1998)
1. Faculty Development Grant, "Developing a Protocol for Isotopic Analysis of bone," \$1000 (1997)

Teaching & Travel

25. USF Faculty International Travel Grant, for presentation at the 43rd International Symposium on Archaeometry, Lisbon, Portugal, \$2500 (2022).
24. USF College of Arts & Sciences International Travel Award, for presentation at the International Union of the Prehistoric and Protohistoric Sciences in Paris, France, \$750 (2018)
23. USF Faculty International Travel Grant, for invited speaker presentation and scientific committee membership for the conference "Raw Materials Exploitation in Prehistory: Sourcing, Processing and Distribution," Faro, Portugal (March 2016), \$2500 (2015-16)
22. USF Faculty International Travel Grant, for the 39th International Symposium on Archaeometry in Leuven, Belgium, \$2311 (May-June 2012)
21. College of Arts and Sciences, Conference Coordination Award, for hosting the 38th ISA at USF, \$1000 (fall 2009)
20. College of Arts and Sciences, Matching International Travel Award, for EAA 2009 conference in Riva del Garda, Italy, \$1000 (fall 2009)
19. USF Innovative Teaching Grants, "Developing Inquiry and Critical Thinking Skills through Ceramics" (co-recipient with K. Davis-Salazar, T. Pluckhahn, C. Wells & N. White), \$10,000 (2007-2008)
18. USF Honors College Honors Thesis Director Honorarium, for Anna Metroka, \$200 (spring 2007)
17. College of Arts and Sciences, Publication Award for Doctoral Student and Faculty Mentor Award (L. Lai & R. Tykot), \$200 each (fall 2006)
16. College of Arts and Sciences, Matching International Travel Award, for ISA 2006 in Quebec City, Canada, and UISPP 2006 in Lisboa, Portugal, \$1500 (2006)
15. Interdisciplinary Center for Hellenic Studies, Travel to Greece for Conference Presentation and Meeting with Research Colleagues, \$1000 (2003)
14. Library Enhancement Grant, acquisition of archaeology books and serial back issues, \$3500 (2000-01); \$5000 (1999-2000); \$2600 (1998-99); \$5000 (1997-98)
13. Library Enhancement Grant, co-recipient, acquisition of books and serial back issues on Classical Civilizations, \$10,000 (2000-01); \$10,000 (1999-2000); \$10,000 (1998-99); \$10,000 (1997-98); \$10,000 (1996-97)
12. Instructional Development Grant, Improving Student Learning in Anthropology with Digital Media, \$5550 (2000)
11. Faculty International Travel Grant, International Archaeometry Symposium, Mexico City, \$1500 (2000)

10. Faculty Development Program, Anthropology Department, SAA conference travel, \$400 (1999)
9. Faculty International Travel Award, World Archaeological Congress, Cape Town, South Africa, \$1500 (1998)
8. Faculty International Travel Award, International Radiocarbon Conference, Lyon, France, \$630 (1998)
7. Faculty International Travel Award, International Union of Pre- and Protohistoric Sciences, Forli, Italy, \$1500 (1996)
6. Harvard Department of Anthropology, Society for American Archaeology meeting travel, \$200 (1996)
5. Harvard Department of Anthropology travel awards, Society for American Archaeology annual meetings, \$600 (1992-94)
4. Teschemacher Awards, Harvard University, for summer research, \$4000 (1987-1991)
3. Graduate School of Arts & Sciences, Harvard University, Student Council travel grant, American Anthropological Association annual meeting, \$400 (1990)
2. Teschemacher Award for Summer Research, field survey in Sardinia, \$750 (1985)
1. Tuition (Merit) Scholarship, Tufts University, \$5000 (1983-84)

FIELDWORK

Principal Investigator (with K. Brown, C. Alexander, K.P. Freund), field survey in the Tavoliere, Italy (2012-2015, 2018)

Principal Investigator (with J. Herrmann, A. van den Hoek), survey and analysis of marble quarries in Algeria (2008-11)

Principal Investigator (with P. Villari, A. Vianello), excavations at Fiumedinisi, Sicily (2008)

Principal Investigator (with A. Usai, M. Perra), excavation of Nuraghe Nuracale, Scano di Montiferro, Sardinia (2006)

Principal Investigator (with C. Lugliè & G. Tanda), survey and excavation of the Sennixeddu obsidian workshop, Sardinia (2002, 2005)

Principal Investigator, geoarchaeological survey of central Mediterranean obsidian sources: Lipari, Palmarola, Pantelleria (2000-2003)

Principal Investigator, ground penetrating radar survey of the Foster Property, Sarasota County, Florida (January 2000)

Principal Investigator, archaeological investigation of the Holley Site, Hernando County, Florida (1999-2000)

Principal Investigator, cultural resources assessment survey, Uppakrik Subdivision, Sarasota, Florida (July 1999)

Principal Investigator, archaeological and historic cultural resources assessment survey, Colonia-Edmondson Road Improvement Project, Venice, Florida (August-October 1998)

Principal Investigator, cultural resources assessment survey, Ryan Parcel, Sarasota, Florida (July 1998)

Principal Investigator, cultural resources assessment survey, Our Lady of Perpetual Help Retreat Center, Venice, Florida (November 1997)

Principal Investigator, cultural resources assessment survey, Englewood Disposal Company, Venice, Florida (June 1997)

Principal Investigator, cultural resources assessment survey, Douglas Property, Pinellas County, Florida (March 1997)

Cultural resources assessment survey, B&B Borrow Pit #46, Polk County, Florida, directed by N. White (1996)

Field Director/Assistant Project Director, excavation at Nuraghe Santa Barbara, Bauladu, Sardinia, directed by L.J. Gallin (1988-94)

Survey/Excavation at Ripostena, Siena, Italy, directed by J. Whitehead (1989-90)

Principal Investigator, Field Survey, Monte Arci obsidian sources, Sardinia (1987-90)

Excavation, Duos Nuraghes, Borore, Sardinia, directed by G.S. Webster (1987)

Field Survey, Macomer, Sardinia, directed by M.S. Balmuth (1985)
Excavation, Central Artery, Charlestown, Massachusetts (1983)

PROFESSIONAL SOCIETY MEMBERSHIP & SERVICE

Accordia Research Centre, London (1990-)
American Anthropological Association (1989-2006)
American Association for the Advancement of Science, AAAS Fellow (2011-)
American Institute for Maghrib Studies (2007-09)
Archaeological and Anthropological Sciences (Associate Editor, 2010-)
Archaeological Institute of America (1987-; Vice-President, Tampa Bay Society, 1998-2018; President, 2019-) President, Boston Society, 1993-96; Fellowships Committee, 2019-2022; Pomerance Science Medal Award Committee, 2003-, Chair, 2005-08; Program for the Annual Meeting Committee, 2004-11; European Committee, 1998-; Chair, 2010-; Council Delegate, 1989-)
Archaeometry, Associate Editor (2002-2007); Editorial Board (2018-)
Association for the Study of Marble and Other Stones in Antiquity (1993-; Editor & Publisher, *ASMOSIA Newsletter*, and webmaster, 1998-2001)
Authentication and Conservation of Cultural Heritage. Research and Technique (ACCHRT) (Senior Editor, 2017-)
Boletín de la Sociedad Chilena de Arqueología (Editorial Committee, 2009-)
Central Gulf Coast Archaeological Society (1996-)
Committee for the Scientific Investigation of Claims of the Paranormal (2000-02)
Council on Undergraduate Research (2015-)
Ethnoarchaeology: Journal of Archaeological, Ethnographic, and Experimental Studies (Editorial Board, 2008-2011)
The Etruscan Foundation (1989-; Fellowship Committee 2018-)
European Association of Archaeologists (1998-)
Frontiers in Environmental Archaeology (Editorial Board, 2012-)
Harvard Archaeological Society (Founder; President, 1987-1990)
The Historical Metallurgy Society (1991-)
Institute for Italian & Sardinian Studies (Advisory Council, 2005-)
International Association for Obsidian Studies (1991-; lifetime member, 2008-; President-Elect, 2015-2016; President, 2016-2018)
International Union of Prehistoric and Protohistoric Sciences (2015-; Biological Anthropology committee, 2016-)
Intersecciones en Antropología (Scientific Editorial Board, 2009-)
Istituto di Studi Etruschi ed Italici, US Section (2003-)
Journal of Archaeological Science (Book Review co-editor, 2011-15; Editorial Board, 2016-20)
Journal of Archaeological Science: Reports (Editorial Manager, 2020-)
Kluwer/Plenum Press, Series Co-Editor, *Advances in Archaeological and Museum Science* (2001-3)
Mediterranean Archaeology & Archaeometry (Editorial Board, 2002-; Archaeometry Editor 2006-11)
National Endowment for the Humanities (panelist, 2006)
National Science Foundation (advisory panel, 2012, 2013)
Open Archaeology (Editorial Advisory Board, 2014-)
Open Journal of Archaeometry (Editorial Board, 2010-)
Paleo-Express (correspondent, 1999-2002)
Roma Tre Press, Archaeology Prehistory Series (Scientific Committee, 2016-)
Sardinia, Corsica et Baleares Antiquae: An International Journal of Archaeology (Editorial Committee, 2002-)
Scientific American Discovering Archaeology (Editorial Advisory Board, 1999-2001)

Science and Technology of Archaeological Research (STAR) (Editor-in-Chief, 2014-) Sigma Xi, The Scientific Research Society (1998-) Society for American Archaeology (1988-) Society for Archaeological Sciences (1990-; Chair of Publications, 2005-11; Editor & Publisher, *SAS Bulletin*, 1997-2005; Associate Editor, Book Reviews, 1991-97; President-Elect, 2011-2013; President, 2013-2015; Past-President, 2015-2017).

Peer Review of Articles and Books done for *Accounts of Chemical Research*; Addison Wesley Longman; *American Anthropologist (AmAnt)*; *American Antiquity (AA)*; *American Journal of Physical Anthropology (AJPA)*; *Analytical and Bioanalytical Chemistry*; *Analytical Methods*; *Antiquity*; *Applied Sciences*; *Archaeological and Anthropological Sciences (AAS)*; *Archaeology*; *Archaeometry*; *Arctic Anthropology*; *Asian Perspectives*; Association for the Study of Marble and Other Stones in Antiquity (ASMOSIA); *Bioarchaeology International*; *British Journal of Radiology (BJR)*; *Bulletin of the American Schools of Oriental Research (BASOR)*; *Bulletin for the History of Chemistry*; *California Archaeology*; *Cambridge Archaeological Journal (CAJ)*; *Computer Applications in Archaeology*; *Chungara*; *Coatings*; *Current Anthropology (CA)*; *Environmental Archaeology: The Journal of Human Palaeoecology*; *European Journal of Archaeology (EJA)*; *EMU Notes in Mineralogy*; *Ethics, Medicine & Public Health*; *European Journal of Mineralogy*; *Florida Scientist*; *Frontiers in Physics*; *Geoarchaeology*; *Geology*; *Geosciences*; Greenwood Publishers; *Heliyon*; *Heritage Science*; *Historical Archaeology*; *International Journal of Osteoarchaeology (IJO)*; International Symposium on Archaeometry (ISA) (2010; 2012; 2014; 2016; 2018); *Journal of African Earth Sciences*; *Journal of Anthropological Archaeology (JAA)*; *Journal of Anthropology*; *Journal of Archaeological Science (JAS)*; *Journal of Archaeological Science: Reports (JASR)*; *Journal of Archaeological Research (JAR)*; *Journal of Comparative Human Biology "HOMO"*; *Journal of Cultural Heritage (JCH)*; *Journal of Ethnobiology (JEB)*; *Journal of Field Archaeology (JFA)*; *Journal of Geochemical Exploration*; *Journal of Island & Coastal Archaeology (JICA)*; *Journal of Lithic Studies*; *Journal of Mediterranean Archaeology (JMA)*; *Journal of Paleolithic Archaeology*; *KIVA: Journal of Southwestern Anthropology and History*; *Latin American Antiquity (LAA)*; *Levant*; *Lipids*; Materials Research Society (MRS); Mayfield; McGraw-Hill; *Mediterranean Archaeology and Archaeometry (MAA)*; *Memoirs of the American Academy in Rome*; *Metals in Antiquity*; *Microscopy and Microanalysis*; *Minerals*; *Molecules*; *MRS Advances*; *Nature*; *Open Archaeology*; *Open Journal of Archaeometry*; *Palaeogeography*, *Palaeoclimatology*, *Palaeoecology*; *Periodico di Mineralogia*; *Plains Anthropologist*; *PLOS ONE*; Prentice-Hall; *Quaternary*; *Quaternary International*; *Radiocarbon*; *Rapid Communications in Mass Spectrometry*; *Revista Jangwa Pana*; *Revista Universitas Scientiarum*; Routledge; *Science Advances*; *Science and Technology for Archaeological Research (STAR)*; *Scientific Reports*; *Southeastern Archaeology*; *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*; *Spectroscopy Letters*; Springer-Verlag; *Trabajos de Prehistoria*; University of Colorado Press; University of Pennsylvania Museum Publications; University of Texas Press; Wiley-Blackwell; *X-Ray Spectrometry*.

Review of Grant Proposals done for the Archaeological Institute of America; Australian Research Council; British Academy; Chilean National Commission for Science and Technology Research (CONICYT); Czech Science Foundation; Durham University International Junior Research Fellowships; Etruscan Foundation; European Research Council; Flanders (Belgium) Research Foundation; Israel Science Foundation; Leakey Foundation; National Centre of Science and Technology Evaluation, Republic of Kazakhstan; National Endowment for the Humanities (NEH); National Geographic Society (NGS); National Institute of Justice (NIJ); National Science Center Poland; National Science Foundation (NSF) Archaeology/Archaeometry/Biological Anthropology; Natural

Environment Research Council (NERC; United Kingdom); Ontario Ministry of Research and Innovation; Swiss National Science Foundation; U.S. Civilian Research and Development Foundation (CRDF); The Wellcome Trust.

Interviews for Newspaper, TV and Online Media

- The Nazareth Inscription's Origins May Refute Ties to Jesus' Resurrection. *ScienceNews* March 20, 2020. <https://www.sciencenews.org/article/nazareth-inscription-origins-may-refute-ties-jesus-resurrection>
- Pompeii. The Bodies in the Basement. TV show on the Smithsonian Channel, November 25, 2019.
- Filming for Smithsonian by Blink Films, on Oplontis remains from Mt. Vesuvius eruption, May 8, 2019.
- Radio interview by Bulls Radio AnthroAlert, on early agriculture time period in southern Italy, September 29, 2017. Recorded at <https://anthroalert.tumblr.com/search/tykot>
- Newspaper article in *il Lametino*, "Lamezia, conclusa prima edizione "Festa dei musei", July 4, 2016. <http://www.lametino.org/Cultura/lamezia-conclusa-prima-edizione-festa-dei-musei.html>
- Newspaper article in *Ustica Sape*, "Ustica porge il benvenuto al Prof. Robert H. Tykot della University of South Florida," June 11, 2016.
- Newspaper article in *Il Notiziario delle isole Eolie online*, "Le Interviste de "Il Notiziario". Lipari, al museo conferenza internazionale sull'ossidiana con numerosi studiosi provenienti da ogni parte del mondo. L'intervento, June 2, 2016. <http://www.notiziarioeolie.it/video-e-video-interviste/6851-le-interviste-de-il-notiziario-lipari-al-museo-conferenza-internazionale-sull-ossidiana-con-numerosi-studiosi-provenienti-da-ogni-parte-del-mondo-l-intervento.html>
- Newspaper article in *infoa360°*, "Lamezia, Robert Tykot al museo archeologico per convegno su ossidiana," May 27, 2016. <http://www.infoa360.com/notizia-lamezia-robert-tykot-al-museo-archeologico-per-convegno-su-ossidiana-291929>
- Newspaper article in *il Lametino*, "Lamezia, Robert Tykot al museo archeologico per convegno su ossidiana," May 27, 2016. <http://www.lametino.it/Cultura/lamezia-robert-tykot-al-museo-archeologico-per-convegno-su-ossidiana.html>
- Newspaper article in *GEOS NEWS*, "Lamezia, Robert Tykot al museo archeologico per convegno su ossidiana," May 26, 2016. <http://it.geosnews.com/p/it/calabria/lamezia-robert-tykot-al-museo-archeologico-per-convegno-su-ossidiana-11253997>
- Newspaper article in *Calabria NEWS*, "Lamezia, stasera conferenza al Museo Archeologico su ossidiana liparota e riflessi sul lametino," May 20, 2016. <http://www.calabrianews.it/lamezia-stasera-conferenza-al-museo-archeologico-ossidiana-liparota-riflessi-sul-lametino/>
- Newspaper article in *Lamezia Terme, il giornale della tua città*, "MUSEO ARCHEOLOGICO: Mercoledì 25 maggio conferenza organizzata dall'Associazione archeologica lametina e la Soprintendenza Archeologica della Calabria, May 20, 2016. <http://www.lameziaterme.it/2016/05/20/museo-archeologico-mercoledì-25-maggio-conferenza-organizzata-dall'associazione-archeologica-lametina-e-la-soprintendenza-archeologica-della-calabria/>
- Newspaper article in *il Lametino*, "Lamezia, il 25 al Museo archeologico convegno su "ossidiana liparota", May 19, 2016. <http://www.lametino.it/Cultura/lamezia-il-25-al-museo-archeologico-convegno-su-ossidiana-liparota.html>
- Newspaper article in *Tampa Bay Newswire*, "USF professor analyzes largest western Mediterranean sample of obsidian artifacts ever," December 3, 2014. <https://www.tampabaynewswire.com/2014/12/03/usf-professor-analyzes-largest-western-mediterranean-sample-of-obsidian-artifacts-ever-30645>
- Article in *Science News*, "Golden Fleece myth was based on real events, geologists contend. Villagers who collected gold in sheepskins inspired legend of Jason's voyage," November 25, 2014. <https://www.sciencenews.org/article/golden-fleece-myth-was-based-real-events-geologists-contend>

- Blog in *Scientific American*, “You Are What You Eat: Unraveling the Truth in Food Records,” March 25, 2013. <http://blogs.scientificamerican.com/anthropology-in-practice/you-are-what-you-eat-unraveling-the-truth-in-food-records/>
- Interview by WMNF community radio, “Thousands of years of indigenous history still on Florida land”, http://www.wmnf.org/news_stories/thousands-of-years-of-indigenous-history-still-on-florida-land, November 29, 2012.
- Article in *Science News*, “Ancient farmers swiftly spread westward. Agricultural villages appeared in Croatia nearly 8,000 years ago,” January 7, 2011. <https://www.sciencenews.org/article/ancient-farmers-swiftly-spread-westward>
- Article in *Science News*, “Ancient hominids may have been seafarer. Hand axes excavated on Crete suggest hominids made sea crossings to go 'out of Africa',” January 8, 2010. <https://www.sciencenews.org/article/ancient-hominids-may-have-been-seafarers>
- Article in *WIRED*, “Hominids Went Out of Africa on Rafts,” January 8, 2010. <http://www.wired.com/2010/01/ancient-seafarers/>
- Article in *Science News*, “Maize may have fueled ancient Andean civilization. Prehistoric skeletons yield evidence that farming of crop started early in Peru’s mountains and led to the rise of an early state society,” July 8, 2009. <https://www.sciencenews.org/article/maize-may-have-fueled-ancient-andean-civilization>
- Interview by Intute (UK universities network), on Archaeological Sciences, <http://www.intute.ac.uk/artsandhumanities/blog/2007/06/28/new-podcast-on-archaeological-sciences/> with podcast available at <http://www.intute.ac.uk/artsandhumanities/podcasts/tykot.mp3> (20 minutes), June 2007.
- Filmed as main participant for future episode of TV series “Megamovers”, with focus on Malta and Sardinia, April 2007.
- Television show with Patrick Chouinard, “Life, Death & Ritual in the Mediterranean,” channel 96 and other stations in Florida, July 2003.
- Consultant, Mysteries of Egypt exhibit at the Museum of Science and Industry, Tampa, Florida, 2000.
- Featured researcher, WUSF-TV series Beyond Science, *Modern Archaeology: Digging the Past*, first broadcast March 7, 1999.

UNIVERSITY SERVICE

- Department of Anthropology, USF. Undergraduate Director (2012-14); Chair, Professor Promotion Committee (2013-14); Deputy Chair (2001-03); Acting Chair (July 2002, 2003); Archaeology Program Coordinator (1997-2005). Committees: Budget (2003; Chair 2005-7); Computer (1996-, Chair 1997-); Faculty Advisory (2001-03; 2008-11; Chair 2003, 2009-11, 2014-15, 2018-20); Graduate Admissions (2007-08); Undergraduate Curriculum (1997-2003); Chair, Archaeology Faculty Search (2002-03); Biological Faculty Search (2000-01); Research Interests (1997-98); Graduate Curriculum (Chair, “concentrations” working group, 1999).
- College of Arts & Sciences, USF. Committees: Technology Committee (2021-2023); Undergraduate School of Social Sciences (2012-2013); Undergraduate Committee (2012-2013); Faculty Promotion Committee (2008-11); Computer (1997-2006); CAS Advisory Council (2004-07; Vice-Chair, 2005-07); Environmental Science and Policy Master’s Program (1998-2007); Classical Civilizations Program (1998-); Ad Hoc Safety (1999-2001).
- University of South Florida. Research Council (2002-05; 2019-22); Faculty Senate (2007-2010); Faculty Senate Council on Educational Policy and Issues (2011-2016); Academy for Teaching and Learning Excellence - Undergraduate Research (2013-2014); Council on Technologies, Instruction and Research (2007-2010); Academic Computing Committee (1998-); Instructional Technology and Distance Learning Council (2002-05); USF Strategic Planning Technology Task Force Team - Virtual Libraries Group (1998-99).
- Member, Institute for Biomolecular Science (1996-2000); Core faculty: Classical Civilizations Program, Italian Studies Program. Affiliate faculty: Food Studies; Classics;

Institute for the Study of Latin America and the Caribbean; Nanotechnology Research and Education Center; Department of Environmental Science and Policy (1996-2007).
Harvard University. Library Committee (1989-91); Archaeology Committee (Secretary 1989-91); Committee on Graduate Education (1990); Graduate Student Council (President 1988).

COMMUNITY SERVICE

Tampa Museum of Art, focus group for curator Branko van Oppen (2021-)
Harvard Club, West Coast Florida, Schools and Scholarship Committee (local undergraduate applicants interviewer, 2001-2018)
Tufts University Alumni Admissions Program (interviewer of local applicants, 1999-2018)
Hillsborough County Public Schools, Great American Teach-In (regular participant, 1997-2016)

COURSES TAUGHT

Introduction to Anthropology	European Prehistory
Archaeology	Fantastic Archaeology
Archaeological Methods	Field Methods in Archaeology
Archaeological Science	Honors Seminar
Ancient Diets	Laboratory Methods
Ancient Trade	Mediterranean Archaeology
Elemental Archaeology	Old World Prehistory
Environmental Archaeology	Statistics

DISSERTATION/THESIS COMMITTEES (* MAJOR PROFESSOR)

Jelane M. Wallace, "Site Suitability Modeling in the Sand Pine Scrub of the Ocala National Forest," Master's Thesis, University of South Florida. In progress.
Gennifer Goad, "Improving Geochemical Profiling Methods for Human Identification and Georeferencing," PhD Dissertation, University of South Florida. In progress.
*Christine Bergmann, "The Paleoecological Context of the Lower Chincha Valley, Peru Using Pollen Analysis and Portable X-ray Fluorescence Spectrometry (pXRF)," PhD Dissertation, University of South Florida. In progress.
Bárbara Arriaga Espinoza, "Using Multi-Isotope Analysis of Modern Mexican Citizens to Increase Baseline Data Used for Migrant Identification at the US-México Border," Master's Thesis, University of South Florida. In progress.
Jessica Walker, "Later Roman Diet at Khirbet Qazone, Jordan," PhD Dissertation, University of Pittsburgh. In progress.
*Christopher J. Eck, Jr., "Behavioral Ecology of the Central Po Valley, Italy: Mobility and Dietary Reconstruction of the First Neolithic Agropastoralists," PhD dissertation, University of South Florida. In progress.
*Aurélien Tafani, "Understanding Diet and Mobility in the Lower Danube Valley during the Fifth Millennium BC through Morphometric and Chemical Analyses," PhD dissertation, University of South Florida. In progress.
Heidi Miller, "A Diachronic View of the Impacts of Interactions between Indigenous West Africans and Europeans during the Trans-Atlantic Trade. A Biocultural Analysis from Elmina, Ghana," PhD dissertation, University of South Florida. In progress.
Liotta Noche-Dowdy, "The Application of Multi-Isotope and Trace Elemental Analysis to Assist in Geoprofiling Unidentified Decedents Within Florida and Southeast USA," PhD Dissertation, University of South Florida. In progress.

- *Robert D. Bowers, "Development of Methodology for using Portable X-ray Fluorescence in Combination with Other Techniques as Needed to Quantitatively Source Peninsular Florida Chert," PhD dissertation, University of South Florida. In progress.
- *Ethan Putman, "Segregation and the Establishment of African-American Cemeteries in Bay County, Florida," Master's Thesis, University of South Florida. May 2022.
- Crystal Wright, "An Edgefield Ceramic Assemblage from the Lost Town of St. Joseph, Northwest Florida," Master's Thesis, University of South Florida. May 2022.
- Courtney McConnan Borstadt, "Diet and Dietary Variation at Prehistoric Casas Grandes, Mexico," PhD dissertation, University of Calgary. 2021. External examiner.
- *McKenna Douglass, "Ware and Tear in Ancient Tampa Bay: Ceramic Elemental Analyses from Weedon Island Sites," Master's Thesis, University of South Florida. August 2021.
- *Anastasia Temkina, "Late Roman and Early Medieval Diet in Ravenna, Northern Italy," Master's Thesis, University of South Florida. August 2021.
- Ryan Harke, "Fishing the Western Caribbean: a 700-Year Archaeological and Ecological History of the "Conch" Life in Key West, Florida," PhD Dissertation, University of South Florida. May 2021.
- Elizabeth Southard, "Seasonality, Labor Organization, and Woodland Monumental Constructions: An Archaeological Otolith Study from Florida's Crystal River Site (8Ci1) and Roberts Island Shell Mound Complex (8Ci40 and 41)," Master's Thesis, University of South Florida. May 2021.
- Michael H. Lockman, "Middle Woodland Mounds of the Lower Chattahoochee, Lower Flint, and Apalachicola River Basin," Master's Thesis, University of South Florida. December 2020.
- *Gianpiero Caso, "Recipes for the Living and the Dead: Technological Investigation of Ceramics for a Specific Audience. The Case Studies of Sant'Angelo Muxaro and Polizzello," PhD dissertation, University of South Florida. December 2020.
- *Kirsten Verostick, "Characterizing Diet and Childhood in Gepid and Avar Populations of the Carpathian Basin during the 5th-8th centuries A.D.," PhD dissertation, University of South Florida. 2020.
- *Jose L. Peña, "Wari Style and Political Economy at El Campanario Site, Huarmey Valley, Peru," PhD Dissertation, University of South Florida. 2020.
- Corinne Allison Taylor, "Reconstructing the Childhood Diet of an 18th to 19th Century Land-Owning Family," Master's Thesis, East Carolina University. 2020.
- *Elizabeth Austin, "Health and Hygiene in 19th Century Tampa Bay," Honors College Thesis, University of South Florida, 2019.
- Mallory Provan, "Stable Isotope Analysis of Childhood Diet at 1st Century B.C./A.D. Petra, Jordan," Master's Thesis, East Carolina University. 2019.
- *Ashley B. Maxwell, "Exploring Variations in Late Roman to Early Medieval Diet and Health in the Region of Veneto, Italy: An Osteological and Biochemical Analysis," PhD Dissertation, University of South Florida. 2019.
- Gennifer M. Goad, "High Precision Lead Isotope Analysis on Modern Populations to Determine Geolocation Reliability," Master's Thesis, University of South Florida, 2018.
- *Christine L. Bergmann, "Elemental Analysis of Archaeological Bone Using pXRF and a Newly Developed Calibration to Assess Diet in Prehistoric Peruvians," Master's Thesis, University of South Florida, 2018.
- Kelsey Kreiser, "Collecting the Past: Using a Private Collection of Artifacts to Assess Prehistoric Occupation of the Chipola River Valley in Northwest Florida," Master's Thesis, University of South Florida, 2018.
- *Amanda Floyd, "Isotope Analysis of Bone Samples in Northern Italy to Determine How Local Geography Affected Diet during the Early Medieval Period," Honors College Thesis, University of South Florida, 2017.
- Alexander Delgado, "More Than Just Empty Space? Integrated Geoarchaeological Investigations of the Crystal River Site (8Ci1) Plaza," Master's Thesis, University of South Florida, 2017.

- *Frederick Pirone, "Trade, Interaction and Change: Trace Elemental Characterization of Maltese Neolithic to Middle Bronze Age Ceramics Using a Portable X-Ray Fluorescence Spectrometer," PhD Dissertation, University of South Florida, 2017.
- *Brad Lanning, "Examining Health, Diet, and Mobility in the Bronze Age Cemetery of Sant'Angelo Muxaro through Stable Isotope Analysis and Paleopathology." PhD program, University of South Florida, 2012-2017.
- Kendal R. Jackson, "The Archaeo-Palynology of the Crystal River Site (8Ci1), Citrus County, Florida," Master's Thesis, University of South Florida, 2016.
- Theodore Gold, "Archaeology of the Lighthouse Bayou Site, Gulf County, Northwest Florida," Master's Thesis, University of South Florida, 2016.
- Lori O'Neal, "What's in Your Toolbox? Examining Tool Choices at Two Middle and Late Woodland-Period Sites on Florida's Central Gulf Coast," Master's Thesis, University of South Florida, 2016.
- *Aurélien Tafani, "Social Dynamics and Ceramic Mobility of Final Bronze Age Ceramics in Corsica (France): Elemental Analysis Using a Portable X-Ray Fluorescence Spectrometer," Master's Thesis, University of South Florida, 2016.
- Rachel Thompson, "Understanding Identity Through Ceramic Analysis at the Crystal River and Roberts Island Sites," Master's Thesis, University of South Florida, 2016.
- *Theresa Gilbertson, "A Comparative Analysis of Portable X-ray Fluorescence Spectrometry and Stable Isotopes in Assessing Ancient Coastal Peruvian Diets," PhD Dissertation, University of South Florida, 2015.
- Kassie Kemp, "Pottery Exchange and Interaction at Crystal River," Master's Thesis, University of South Florida, 2015.
- *Jessica Morgan, "Obsidian Source Selection in the Early Bronze Age Cyclades," Master's Thesis, University of South Florida, 2015.
- Suzanna Pratt, "Land Degradation at Betty's Hope Historical Plantation, Antigua," Master's Thesis, University of South Florida, 2015.
- Kara Rothenberg Fulton, "Relationships Between Households During the Terminal Classic at Actuncan, Belize," PhD Dissertation, University of South Florida, 2015.
- Liotta Noche-Dowdy, "Cranio-metric Variation of the Avar Tribes During the Migration Period (568-895 A.D.) in Hungary," Master's Thesis, University of South Florida, 2015.
- Eric Prendergrast, "The Archaeology of the McKinnie Site and Collection, Apalachicola Valley, Northwest Florida (8Ja1869)," Master's Thesis, University of South Florida, 2015.
- *Rheta Lanehart, "Patterns of Consumption: Ceramic Residue Analysis at Liangchengzhen, Shandong, China," PhD Dissertation, University of South Florida, 2015.
- *Christopher Griesback, "Improving LiDAR Data Post-Processing Techniques for Archaeological Site Management and Analysis: A Case Study from Canaveral National Seashore Park," Master's Thesis, University of South Florida, 2015.
- *Erin Mckendry, "Interpreting Bronze Age Exchange in Sicily through Trace Element Characterization of Ceramics Utilizing Portable X-Ray Fluorescence (pXRF)," Master's Thesis, University of South Florida, 2015.
- *Kara Casto, "Spatial Analysis of Archaeological Assemblages from the Late Ceramic Age (AD 400-1400) Site of Grand Bay, Carriacou, West Indies," Master's Thesis, University of South Florida, 2015.
- Paige Phillips, "Examining Activity Organization in Plazas through Geochemical Analysis at Tlalancaleca, Puebla, Mexico (800 BC-AD 100)," Master's Thesis, University of South Florida, 2014.
- Christopher Hunt, "A Forgotten Community: Archaeological Documentation of the Lost Town of Old St. Joseph, Gulf County, Florida," Master's Thesis, University of South Florida, 2014.
- *Patrick Woodruff, "Etruscan Trade Networks: Understanding the Significance of Imported Materials at Remote Etruscan Settlements through Trace Element Analysis Using a Non-Destructive X-Ray Fluorescence Spectrometer," Master's Thesis, University of South Florida, 2014.

- Rachel V. Nostrom, "Portable X-ray Fluorescence Analysis of Pottery at the Bayshore Homes site in Pinellas County, Florida," Master's Thesis, University of South Florida, 2014.
- *Heather Cummings, "Reconstructing Diet in Prehistoric Northern Colombia Using Isotopic Analysis," Honors College Thesis, University of South Florida, 2014.
- Kyle P. Freund, "Prehistoric Obsidian Tool Technology in Sicily and Southern Italy," PhD Dissertation, McMaster University, 2014.
- Jessica Goodman, "Archaeological Evidence of Non-Precious Metal Trade Between the Levant and the Eastern Mediterranean in the Late Bronze Age," Senior Honors Thesis, University of South Florida, 2014.
- *Hasan Ashkanani, "Interregional Interaction and Dilmun Power in the Bronze Age: A Characterization Study of Ceramics from Bronze Age Sites in Kuwait," PhD Dissertation, University of South Florida, 2014.
- J. Bart McLeod, "Digital Modeling and Non-Destructive Technological Examination of Aboriginal Burial Practices at Picnic Mound 8Hi3, Hillsborough County, Florida," Master's Thesis, University of South Florida, 2014.
- *Matthew W. Touchton, "XRF Analysis of Ceramics from Crystal River (8CI1), Florida," Senior Honors Thesis, University of South Florida, 2013. [co-advisor with T. Pluckhahn]
- *Raymond Figueroa, "Environmental Change and Diet of the Longshan at Lianchengzhen," Senior Honors Thesis, University of South Florida, 2013.
- Caitlin Kelley, "Ten Thousand Years of Prehistory on Ocheesee Pond, Northwest Florida. Archaeological Investigations on the Keene Family Land, Jackson County," Master's Thesis, University of South Florida, 2013.
- *Jose Peña, "Elemental Analysis of Late Horizon Pottery from the Huancabamba Valley, Cajamarca - Peru," Master's Thesis, University of South Florida, 2013.
- David McCormick, "Exploring Potential Applications of Portable X-ray Fluorescence on Earthen Materials from Southeast Mesoamerica," Master's Thesis, University of South Florida, 2013.
- *Christine Bergmann, "Assessing Pre-Inca Subsistence Patterns Through Elemental Analysis of Human Bone Using a Non-Destructive Portable X-Ray Fluorescence Spectrometer," Independent Thesis, University of South Florida, 2013.
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