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Tufts University Tilton Hall Dormitory (President, 1981-1982)  
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### **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 20<sup>th</sup> Century; International Biographical Centre Lifetime Achievement Award; Strathmore's Who's Who; and Worldwide Who's Who.*

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### **PUBLICATIONS & PRESENTATIONS**

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#### BOOK REVIEWS AND MISCELLANEOUS CONTRIBUTIONS

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8. Herrmann, Jr., J.J., J.E. Cox, A. van den Hoek, **R.H. Tykot** & S. Violante. Column Shafts from Hippo Regius: Quality Selection and Eastern Exportation. Submitted to Proceedings of the XIII ASMOSIA, September 19-24, Vienna, Austria.
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6. Podrug, E., S.B. McClure, S. Ka.ar, Z. Perho., K. Reed, **R.H. Tykot**, D. Marguš, N. Mazzucco, D. Guilbeau, J. Jovi., N. Ilijanif, 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.
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4. 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*.
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**

18. Lai, L., O. Fonzo, J.F. Beckett, **R.H. Tykot**, T. O'Connell, E. Goddard & D. Holla

- \*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<sup>th</sup>, 2018. Colloquium overview and abstracts published in *Archaeological Institute of America 1*

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615. **Tykot, R.H.** 2023. Ricerca isotopica sulla dieta. Plagues Past to Present: From Ancient Epidemics to Modern Public Health Plans, June 16-17, Scuola Grande di San Marco, Venice, Italy.
614. Vianello, A. & **R.H. Tykot.** 2023. Researching Ancient Pandemics after COVID-19. Plagues Past to Present: From Ancient Epidemics to Modern Public Health Plans, June 16-17, Scuola Grande di San Marco, Venice, Italy.
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- \*541. Waterman, A.J., n o

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\*528. Vianello, A., **R.H. Tykot**

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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. Keramisano  
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- \* 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.
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- \* 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 C<sub>4</sub> 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.
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- \*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.
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- \*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.
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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

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.

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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. *Journal of Archaeological Science* 42:1134-1140.



- \*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 A

- 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



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

- \*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, Tex000 TD(log)Tj15.3600 0ej11.4000 0.00

Differentiation. 38th Internat

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 <sup>18</sup>O 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," 14<sup>th</sup> 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), V



- 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?,” 109<sup>th</sup> 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), 109<sup>th</sup> 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 Today* 11(1): 28-31, 2008.



203. "Usage of Obsidian Subsources on Pantelleria, Italy" (**R.H. Tykot**, B. Vargo, M. Tosi, M. Glascock & J. Speakman), 36<sup>th</sup> 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), 36<sup>th</sup> 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), 71<sup>st</sup> 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, 71<sup>st</sup> 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**), 71<sup>st</sup> 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**), 71<sup>st</sup> 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), 71<sup>st</sup> 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), 71<sup>st</sup> 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**), 71<sup>st</sup> 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), 71<sup>st</sup> 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," 231<sup>st</sup> 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," 231<sup>st</sup> American Chemical Society National Meeting, Atlanta, Georgia, March 26-30, 2006.
191. "Interpreting stable isotopic analyses: Case studies on prehistoric Sardinia" (L. Lai &

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), 1<sup>st</sup> 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), 106<sup>th</sup> Annual Meeting of

the Archaeological Institute of America, Boston, Massachusetts, January 2005. Abstract  
published in *Archaeological Inst.* 0000 o

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), 73<sup>rd</sup> 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**), 73<sup>rd</sup> 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



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), 6<sup>th</sup> 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), 6<sup>th</sup> 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), 68<sup>th</sup> 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 Scie3F0.0000 0.0000 cm-0000 TTTTTTTTTTTTTTL000n R.E. Taylor Student Post 0.00



115. "On the Use of Obsidian in the Neolithic Mediterranean: New A U

\*100. "Geoarchaeological Survey and Characterization of the Central Mediterrane

85. "New Approaches to the Characterization and Interpretation of Obsidian from the Central Mediterranean Island Sources" (J. Bliss, **R.H. Tykot** & B.A. Vargo), 66<sup>th</sup> 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), 70<sup>th</sup> 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 *AmericanRn i*

Wilson), 65<sup>th</sup> Annual Meeting of the Society for American Archaeology, Philadelphia, April 5-9, 2000.

70. "Obsidian Analysis and Neolithic Trade in Northern Ita

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 ABCs of ~~New~~ ~~and~~ ~~na~~

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

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 0.3600 0c1.00000 0.00000 0.00000r.0000 0.079h11.3400 0.0000 TDe & K

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

124. "Obsidian Use and Open-Water Travel in the Prehistoric Mediterranean," Tampa Bay Chapter of the Archaeological Institute of America, April 6, 2023.
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 Outpati TD.ew

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.





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 Sardinia, Southeast Asia and

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.

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## EXTERNAL GRANTS & CONTRACTS

### *Competitive Grant Awards*

45. National Science Foundation BCS Biological Anthropology (PI, with 3 co-PIs), Reconstructing 300 years of epidemics at Lazzaretto Vecchio, Venice: A study of genetic coevolution of pathogens and humans and host preventative behaviors. \$759,118 (2024-2026). Submitted.
44. 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. \$25,034 (2022-2024). Submitted.
43. Rust Family Foundation (co-PI with Aurelien Tafani). Performing Strontium Isotopic Analysis of Tooth Enamel to Explore Mobility at the Eneolithic Necropolis of Sultana-Malu Rosu, Romania. \$6600 (2023)
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 - extended thru 2024)
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. o0400 0.0000 TD( N.)Tj100 cm17Cf.3400 000Me0.0000 TD(I, f)Tj15.



10. Sigma Xi, The Scientific Research Society (award to soc



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 f C4, Bogotá,

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 paleodietary analysis, \$1000 (2006), TD(107)

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)
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### 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). Rescheduled for 2022-2023.
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 USF Research and Creative Scholarship Grant, \$10,000 (2018)

3. Presidential Young F

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)
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## 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)

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## 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-)



Chemical Society (ACS) Books; *American Journal of Physical Anthropology (AJPA)*; *Analytical and Bioanalytical Chemistry*; *Analytical Chemistry*; *Analytical Methods*; *Antiquity*; *Applied Sciences*; *Archaeological and Anthropological Sciences (AAS)*; *Archaeology*; *Archaeometry*; *Arctic Anthropology*; *Asian Perspectives*; Associati



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- 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/>
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