

MARK GOLITKO, PHD – CURRICULUM VITAE

Assistant Professor
Department of Anthropology
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SCHOLARLY INTERESTS

Human-environment dynamics; social and economic networks; biocultural diversity; violence; migration; Southwestern Pacific and European prehistory; museum anthropology; archaeological science; geoarchaeology; social network analysis; quantitative methods; Geographic Information Systems

EDUCATION

- 2010 Ph.D. (Anthropology), University of Illinois at Chicago
Dissertation: *Warfare and Alliance Building during the Belgian Early Neolithic, late sixth Millennium BC* (chair L.H. Keeley)
- 2002 M.A. (Anthropology), University of Illinois at Chicago
- 1999 B.S. (History, with distinction), University of Wisconsin-Madison

ACADEMIC AND SCIENTIFIC APPOINTMENTS

- current *Assistant Professor*, University of Notre Dame Department of Anthropology
- current *Faculty Fellow*, Kroc Institute for International Peace Studies, University of Notre Dame
- current *Faculty Fellow*, Kellogg Institute for International Studies, University of Notre Dame
- current *Research Associate*, Field Museum of Natural History
- 2015-17 *Visiting Assistant Professor*, University of Notre Dame Department of Anthropology
- 2014-15 *Regenstein Research Scientist*, Field Museum of Natural History
- 2012-15 *Adjunct Assistant Professor*, University of Illinois at Chicago Department of Anthropology
- 2012 *Interim Laboratory Manager*, Field Museum Elemental Analysis Facility
- 2011-14 *Regenstein Postdoctoral Fellow*, Field Museum of Natural History
- 2010-11 *Postdoctoral Research Scientist/Collections Manager*, Field Museum of Natural History
- 2010 *Interim Laboratory Manager*, Field Museum Elemental Analysis Facility
- 2009 *Teaching Assistant*, University of Illinois at Chicago Department of Anthropology
- 2008-09 *Dean's Scholar*, University of Illinois at Chicago
- 2007-08 *Graduate Instructor*, University of Illinois at Chicago Department of Anthropology
- 2006-09 *Research Assistant*, Field Museum Elemental Analysis Facility
- 2006-07 *Lester Armour Graduate Fellow*, Field Museum of Natural History
- 2005-06 *Laboratory Assistant*, Field Museum of Natural History Elemental Analysis Facility
- 2005 *Teaching Assistant*, University of Illinois at Chicago Department of Anthropology
- 2004 *Research Assistant*, University of Illinois at Chicago Department of Anthropology
- 2002-03 *Graduate Fellow*, University of Illinois at Chicago
- 2002 *Tutor*, University of Illinois at Chicago Athletic Department
- 2000-03 *Teaching Assistant*, University of Illinois at Chicago Department of Anthropology
- 1996-99 *Laboratory Assistant*, X-ray Astrophysics Laboratory, University of Wisconsin-Madison Department of Physics

EXTERNAL GRANTS AND FELLOWSHIPS

- in review NSF Research Grant BCS-DYN2308069 “*DISES: Socio-Environmental Limits to Growth—Water Availability, Commerce, and the Rise of an Early Modern Political Economy*” (\$1,593,267, co-PI, PIs R. Oka, M. Muller, M. Berke, D. Bolster, & M. Golitko, 2024-2027, submitted 11/15/22)
- 2018 NSF Archaeology Research Grant BCS1820953 “*Long Term Human Response to Sea Level Change*” (\$167,523, PI, 2018-2023)
- 2015 NSF REU Sites Grant BCS/SMA1460820 “*The Bronze Age Koros off-Tell Archaeological Project (BAKOTA) Field School: Undergraduate Training in Fieldwork and Independent Research Reporting in European Archaeology*” (senior personnel, PIs J.I. Giblin & P.R. Duffy, \$358,558, 2015-2020)
- 2012 NSF Archaeology Research Grant BCS1155338 “*Archaeological and Environmental Investigations along the mid-Holocene shoreline near Aitape, northern Papua New Guinea*” (\$102,330, co-PI, 2012-2016)
- 2007 California State University Long Beach Institute for Integrative Research in Materials, Environments, and Societies (IIRMES) Visiting Researcher Grant, March 2007 “*Chemical Characterization of Modern and Prehistoric Ceramics from the North Coast of New Guinea by TOF-ICP-MS*” (PI, \$2,000)
- 2006 Wenner-Gren Foundation Dissertation Fieldwork Grant “*Chemical Characterization of Linienbandkeramik Ceramics from NE Belgium by ICP-MS*” (PI, \$13,000, 2006-2007)

INTERNAL GRANTS AND FELLOWSHIPS

- 2019 Notre Dame Keough School of Global Affairs Asia Research Collaboration Grant “*International Collaborative Research on Exchange, Interaction, and Global Business/Commerce in the Western Indian Ocean, Mumbai Global Center*” (co-PI with R.C. Oka and S.G. Sheridan, \$11,000)
- 2018 Notre Dame Institute for Scholarship in the Liberal Arts Interim Travel to International Conferences Grant (\$2,117)
- 2017 Notre Dame Teaching Beyond the Classroom Small Interim Grant “*Museum collections, materiality, and Anthropological history: a student excursion to the Field Museum of Natural History*” (\$1,220)
- 2017 Notre Dame Institute for Scholarship in the Liberal Arts Interim Travel to International Conferences Grant (\$2,016)
- 2017 Field Museum Elemental Analysis Facility NSF subsidy grant “*Analysis of Clays and Middle Bronze Age Ceramics from the Great Hungarian Plain by LA-ICP-MS*” (PI, \$2,050)
- 2016 Notre Dame Teaching Beyond the Classroom Small Interim Grant “*Tangible engagement with anthropological and archaeological theory and practice: A cultural excursion to the Field Museum of Natural History*” (\$1,405)
- 2009 UIC Graduate College Student Travel Award (\$150)
- 2008 UIC Dean’s Scholar Graduate Fellowship 2008-2009 (\$21,000)
- 2007 UIC Graduate College Student Travel Award (\$200)
- 2007 UIC Graduate Student Council Travel Award (\$300)
- 2006 Field Museum of Natural History Lester Armour Graduate Fellowship 2006-2007 (\$25,000)
- 2006 UIC Graduate College Student Travel Award (\$200)
- 2006 UIC Graduate Student Council Travel Award (\$300)
- 2002 UIC University Graduate Fellowship 2002-2003 (\$11,500)
- 2002 UIC Provost’s Award for Graduate Research, “*Trade Relations and Warfare along the Initial Agricultural Frontier in NE Belgium*” (PI, \$3,000)

AWARDS AND HONORS

- 2011 UIC Outstanding Thesis Award in the Behavioral and Social Sciences

FIELD RESEARCH

- 2022 *Senior personnel-PIPP project, eastern Hungary*
Excavation and geochemical analysis at the late Neolithic site of Csökmő-Káposztás Domb
- 2018-24 *Principal investigator - Sepik coast, northern Papua New Guinea*
“Long Term Human Response to Sea Level Change”
- 2015-18 *Senior personnel – BAKOTA project, eastern Hungary*
Ceramic analysis and geoarchaeology at the Bronze Age cemetery of Békés 103.
- 2011-17 *Principal investigator - Sepik coast, northern Papua New Guinea*
“Archaeological and Geological investigations along the mid-Holocene shoreline near Aitape, northern Papua New Guinea”
- 2010 *Principal investigator - Southwestern United States*
Obsidian survey and collection in northern Arizona and New Mexico
- 2002-08 *Co-director - Hesbaye Region, Belgium*
“Village Specialization, Trade, and Warfare in early Neolithic Belgium”
- 2001 *Field assistant - Cahokia Mounds, Collinsville, IL*
Ground Penetrating Radar survey of the Mississippian period fortifications
- 2001 *Excavator - Marquette Mission Site, St. Ignace, MI*
Excavation and analysis at a 17th century Huron village site

LABORATORY AND VISITING RESEARCH

- 2018- *Director - Notre Dame Archaeological XRF Laboratory (NDAXL)*
- 2016 *Visiting Researcher - University of Konstanz Department of Computer & Information Science*
- 2005-15 *Research scientist and interim manager - The Field Museum Elemental Analysis Facility (EAF)*
- 2007 *Visiting Researcher - California State University Long Beach Institute for Integrative Research in Materials, Environments, and Societies (IIRMES)*

BOOKS

- 2015 **GOLITKO, M.** *LBK realpolitik: An archaeometric study of conflict and social structure in the Belgian early Neolithic.* Archaeopress Archaeology Series. Archaeopress, Oxford. (reviewed in *Antiquity*, P. Crombé, 2/2016, and in *Bonner Jahrbücher*, J. Pyzel, 2016)
- in press TERRELL, J.E., **M. GOLITKO**, H. DAWSON, & M. KISSEL. *Modeling the past: archaeology, history, and dynamic networks.* Berghahn Books (scheduled 3/23 publication).

EDITED VOLUMES AND JOURNAL ISSUES

- 2021 **GOLITKO, M.** (ed.) *Archaeological Ceramic Diagenesis.* Invited special issue of *Minerals.*
- 2016 DUSSUBIEUX, L., **M. GOLITKO**, & B. GRATUZE (eds). *Recent Advances in Laser Ablation ICP-MS for Archaeology.* Natural Science in Archaeology Series. Springer Verlag, Berlin.

REFEREED JOURNAL ARTICLES (+student co-author)

- 2023 FINNIGAN, L.⁺, & **M. GOLITKO.** A pXRF analysis of historic brick chemical data throughout the Lake Michigan Morainic Region, United States. *Journal of Archaeological Science: Reports* 47: 103817.
- 2021 **GOLITKO, M.**, A. MCGRATH⁺, A. KREITER, I.V. LIGHTCAP, P.R. DUFFY, GY.M. PARDITKA⁺, & J.I. GIBLIN. Down to the Crust: Chemical and Mineralogical Examination of Surface Encrustations on Bronze Age Ceramics from Békés 103, eastern Hungary. *Minerals* 11: 436. <https://doi.org/10.3390/min11040436>
- 2021 GOEMAERE, E., F. HANUT, D. BOSQUET, T. DELBEY, E. DE WAELE, **M. GOLITKO**, T. GOOVAERTS, & T. LEDUC. Étude archéométrique et recherche de l’origine de la matière première des poteries produites dans l’agglomération gallo-romaine de Tourinnes-Saint-Lambert (Walhain, Belgique). *Revue du Nord* 439: 143-160.
- 2021 BOROWSKI, M.P., **M. GOLITKO**, M. FURMANEK, M. NOWAK, & N. SZCZEPARA. Addressing the issue of early Neolithic pottery exchange through a combined petrographic and

- geochemical approach: a case study on LBK ware from Dzielnica (Upper Silesia, southern Poland). *Archaeological and Anthropological Sciences* 13(1): 5.
- 2020 HERMANN, A., R. FORKEL, A. MCALISTER, A. CRUICKSHANK, **M. GOLITKO**, B. KNEEBONE, M. MCCOY, C. REEPMAYER, P. SHEPPARD, J. SINTON, & M. WEISLER. Pofatu, a curated and open-access database for geochemical sourcing of archaeological materials. *Nature: Scientific Data* 7:141.
- 2019 **GOLITKO, M.** The potential of obsidian “Big Data.” *UISPP Journal* 2(1): 83-98.
- 2019 GOEMAERE, E., P. SOSNOWSKA, **M. GOLITKO**, T. GOOVAERTS, & T. LEDUC. Etude archéométrique de la production briquetière de la Région de Bruxelles-Capitale entre le XIV^{ème} siècle et le début du XVIII^{ème}. *ArchéoSciences, revue d'archéométrie* 43(1): 107-132.
- 2018 MILLHAUSER, J.K., L. BLOCH, **M. GOLITKO**, L.F. FARGHER, N. XIUHTECUTLI⁺, V.Y. HEREDIA ESPINOZA, & M.D. GLASCOCK. Geochemical Variability in the Paredón Obsidian Source, Puebla and Hidalgo, Mexico. *Archaeometry* 60(3): 453-470.
- 2018 FEINMAN, G.M., L.M. NICHOLAS, N.M. ROBLES GARCÍA, **M. GOLITKO**, C. ELSON, R.K. FAULSEIT, E. GONZÁLEZ LICÓN, I. OLGUÍN, L. PACHECO, V. PÉREZ RODRÍGUEZ, G. RAMÓN, & J. RÍOS ALLIER. Prehispanic Obsidian Exchange in the Valley of Oaxaca, Mexico. *Mexicon* 40.1: 8-16.
- 2018 GENGO, R.⁺, R.C. OKA, V. VEMURU, **M. GOLITKO**, & L.T. GETTLER. Positive Effects of Refugee Presence on Host Community Nutritional Status in Turkana County, Kenya. *American Journal of Human Biology* 30(1):e23060.
- 2017 OKA, R.C., M. KISSEL, **M. GOLITKO**, S. GUISE SHERIDAN, N.C. KIM, & A. FUENTES. Population drives war group size, war group size drives conflict casualties. *Proceedings of the National Academy of Sciences of the United States of America*. DOI: 10.1073/pnas.1713972114.
- 2017 GOFF, J.R., **M. GOLITKO**, D. CURNOE, E.E. COCHRANE, S. WILLIAMS & J.E. TERRELL. Reassessing the environmental context of the Aitape skull—the oldest tsunami victim in the world? *PLoS One* 12(10):e0185248. <https://doi.org/10.1371/journal.pone.0185248>.
- 2016 **GOLITKO, M.**, E.E. COCHRANE, E.M. SCHECHTER, & J. KARIWIGA⁺. Archaeological and Palaeoenvironmental Investigations near Aitape, northern Papua New Guinea, 2014. *Journal of Pacific Archaeology* 7(1): 139-150.
- 2016 WEIDLE, D.⁺, M. VAN GARDEREN⁺, **M. GOLITKO**, G.M. FEINMAN, & U. BRANDES. On Graphical Representations of Similarity in Geo-Temporal Frequency Data. *Journal of Archaeological Science* 72: 105-116.
- 2015 **GOLITKO, M.**, & G.M. FEINMAN. Procurement and distribution of Pre-Hispanic Mesoamerican obsidian 900 BC – AD 1520: a social network analysis. *Journal of Archaeological Method and Theory* 22: 206-247.
- 2015 SHARRATT, N., **M. GOLITKO**, & P.R. WILLIAMS. Pottery production, regional exchange and state collapse during the Middle Horizon (A.D. 500-1000): LA-ICP-MS analyses of Tiwanaku pottery in the Moquegua Valley, Peru. *Journal of Field Archaeology* 40(4): 397-412.
- 2015 BONJEAN, D., Y. VANBRABANT, G. ABRAMS, S. PIRSON, C. BURLET, K. DI MODICA, M. OTTE, J. VANDER AUWERA, **M. GOLITKO**, R. McMILLAN⁺, & E. GOEMAERE. A new Cambrian black pigment used during the Middle Palaeolithic discovered at Scladina Cave (Andenne, Belgium). *Journal of Archaeological Science* 55: 253-265.
- 2015 PALUMBO, S., **M. GOLITKO**, S. CHRISTENSEN⁺, & G. TIETZER⁺. Basalt source characterization in the highlands of western Panama using Portable X-ray Fluorescence (pXRF) Analysis. *Journal of Archaeological Science: Reports* 2: 61-68.
- 2014 GOEMAERE, E., D. HENROTAY, O. COLLETTE, **M. GOLITKO**, T. DELBEY, & T. LEDUC. Caractérisation de la Céramique Médiévale d’Autelbas (Arlon, Belgique) et Identification de la Source de la Matière Première. *ArchéoSciences, revue d'archéométrie* 38: 49-65.
- 2013 LEVINE, A., C. STANISH, P.R. WILLIAMS, C. CHÁVEZ, & **M. GOLITKO**. Trade and Early State Formation in the Northern Titicaca Basin, Peru. *Latin American Antiquity* 24(3): 289-308.

- 2013 FEINMAN, G.M., L.M. NICHOLAS, & **M. GOLITKO**. Exchange in the Valley of Oaxaca, Mexico: Late Classic Obsidian Procurement. *Mexicon* XXXV(3): 60-68.
- 2013 GOEMAERE, E., J. HONINGS, C. JUNGELS, **M. GOLITKO**, P. DEGRYSE, & J. SCHNEIDER. Discerning geological and geographical sources of Belgian Upper Paleolithic fluorites by Rare Earth Elements and Sr-isotopic geochemistry. *Journal of Archaeological Science* 40(7): 2892-2901.
- 2013 MOHOLY-NAGY, H., J. MEIERHOFF⁺, **M. GOLITKO**, & C. KESTLE⁺. An Analysis of pXRF Source Attributions from Tikal, Guatemala. *Latin American Antiquity* 24(1): 72-97.
- 2013 KELLETT, L.C., **M. GOLITKO**, & B.S. BAUER. A Provenance Study of Archaeological Obsidian from the Andahuaylas Region of Southern Peru. *Journal of Archaeological Science* 40: 1890-1902.
- 2012 **GOLITKO, M.**, M. SCHAUER⁺, & J.E. TERRELL. Identification of Fergusson Island obsidian on the Sepik coast of northern Papua New Guinea. *Archaeology in Oceania* 47: 151-156.
- 2012 **GOLITKO, M.**, & J.E. TERRELL. Mapping Prehistoric Social Fields on the Sepik coast of Papua New Guinea: Ceramic Compositional Analysis using Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry. *Journal of Archaeological Science* 39(12): 3568-3580.
- 2012 **GOLITKO, M.**, J. MEIERHOFF⁺, G.M. FEINMAN, & P.R. WILLIAMS. Complexities of Collapse: the evidence of Maya obsidian as revealed by network graphical analysis. *Antiquity* 86(332): 507-523.
- 2012 **GOLITKO, M.**, J.V. DUDGEON, H. NEFF, & J.E. TERRELL. Identification of Post-Depositional Chemical Alteration of Ceramics from the North Coast of New Guinea (Sandaun Province) by Time of Flight-Laser-Ablation-Inductively Coupled Plasma-Mass Spectrometry (TOF-LA-ICP-MS). *Archaeometry* 54(1): 80-100.
- 2010 **GOLITKO, M.**, J. MEIERHOFF⁺, & J.E. TERRELL. Chemical characterization of sources of obsidian from the Sepik coast (PNG). *Archaeology in Oceania* 45(3): 120-129.
- 2009 SHARRATT, N., **M. GOLITKO**, P.R. WILLIAMS, & L. DUSSUBIEUX. Ceramic Production during the Middle Horizon; Wari and Tiwanaku clay procurement in the Moquegua Valley, Peru. *Geoarchaeology* 24(6): 792-820.
- 2007 **GOLITKO, M.** & L.H. KEELEY. Beating Ploughshares back into Swords: Warfare in the *Linearbandkeramik*. *Antiquity* 81: 332-342.
- accepted KOSIBA, S., N. SHARRATT, **M. GOLITKO**, K. QUAVE, L. DUSSUBIEUX, & P.R. WILLIAMS. Local knowledge, imperial aesthetic: LA-ICP-MS analysis of clay procurement and ceramic production in ancient Cuzco (ca. 1100-1530 CE). *Journal of Archaeological Science: Reports* invited special issue "Collaborative Analyses of Elemental Data: a Special Issue on Andean Ceramics and Ancient Political Networks" edited by P.R. Williams and B. Grávalos (accepted with minor revisions, 10/9/22).
- in revision GOEMAERE, E., B. VANMONTFORT, D. BONJEAN, D. BOSQUET, F. BOSTYN, N. CAYOL, C. COLAS, H. COLLET, T. DELBEY, E. DELYE, **M. GOLITKO**, I. JADIN, C. JUNGELS, E. LEROY-LANGELIN, C. MONCHALBON, & I. PRAUD. Middle Neolithic fluorites in Northern France and Belgium: characterization, sourcing and methodological limitations. *Journal of Archaeological Science: Reports*. (submitted 10/11/22, revisions requested 12/23/22)
- in revision **GOLITKO, M.** Evaluating assumptions of archaeological network analysis using New Guinean ethnographic data. For resubmission to *Journal of Anthropological Archaeology* invited special issue "Issues and Solutions in SNA: Understanding and Problematizing Community and Neighborhood Networks," edited by April Kamp-Whittaker and Adrian Chase.
- in revision GOEMAERE, E., P. SOSNOWSKA, **M. GOLITKO**, T. GOOVAERTS, T. LEDUC, L. VRYDAGHS, & T. DELBEY. Imported fired clay bricks in the Brussels-capital Region (Belgium) and local production between the XIV and the end of the XVIII centuries: sourcing and archaeometric study. For resubmission to *Archaeometry*.

- in prep **GOLITKO, M.**, J. ZIMMER-DAUPHINEE⁺, J.E. TERRELL, & E.M. SCHECHTER. Social networks pattern material cultural variability on New Guinea. For submission to *Journal of Archaeological Method and Theory* (Fall 2022 submission)
- in prep **GOLITKO, M.**, M. POWER, J. KARIWIGA⁺, K. MIAMBA. Waking the “sleeping giant?” Mid-Holocene lagoons and anthropogenic environmental signatures in the Aitape area, northern Papua New Guinea. For submission to *The Holocene* (Fall 2022 submission).
- in prep **GOLITKO, M.**, D. GROGAN⁺, & L.H. KEELEY. Population density predicts buffer zone width: implications for ecological models of conflict and archaeological population estimation. For submission to *Journal of Anthropological Archaeology* (Spring 2023 submission).
- in prep **GOLITKO, M.**, D. RIEBE, P.R. DUFFY, A. KREITER, & GY. PARDITKA⁺. Exploring the limits of the provenience postulate: chemical and mineralogical characterization of Middle Bronze Age ceramics from the Great Hungarian Plain. For submission to *Journal of Archaeological Method and Theory* (Spring 2023 submission).
- in prep GOEMAERE, E., T. GOOVAERTS, T. LEDUC, K. MAGERMAN, S. SAERENS, & **M. GOLITKO**. Première analyse archéométrique des poteries de l’implantation romaine Asse (nord-est de la cité des Nerviens), province du Brabant flamand.

REFEREED BOOK CHAPTERS (⁺student co-author)

- 2022 **GOLITKO, M.**, J.V. DUDGEON, & C. STANECKI⁺. A (near) comprehensive chemical characterization of obsidian in the Field Museum collections from the Hopewell Site, Ross County, Ohio. In *Obsidian across the Americas*, edited by G.M. Feinman and D.J. Riebe, pp. 17-44. Archaeopress, Oxford.
- 2022 L. NICHOLAS, G.M. FEINMAN & **M. GOLITKO**. Changing patterns of obsidian procurement in highland Oaxaca, Mexico. In *Obsidian across the Americas*, edited by G.M. Feinman and D.J. Riebe, pp. 58-75. Archaeopress, Oxford.
- 2022 G.M. FEINMAN, L. NICHOLAS, & **M. GOLITKO**. Macroscale shifts in obsidian procurement networks across prehispanic Mesoamerica. In *Obsidian across the Americas*, edited by G.M. Feinman and D.J. Riebe, pp. 98-123. Archaeopress, Oxford.
- 2021 **GOLITKO, M.**, & J.E. TERRELL. Three simple geographical network models for the Holocene Bismarck Sea. In *Bridging Social and Geographic Space through Networks*, edited by H. Dawson and F. Iacono, pp. 15-30. Sidestone Press, Leiden.
- 2020 **GOLITKO, M.** Pacific ethnography, archaeology, and the pattern of global prehistoric social life. In *Theory in the Pacific, the Pacific in theory: archaeological perspectives*, edited by T. Thomas, pp. 102-122. Routledge, Abingdon and New York.
- 2017 **GOLITKO, M.**, & L. DUSSUBIEUX. Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) and Laser Ablation Inductively Coupled Plasma-Mass Spectrometry (LA-ICP-MS). In *The Oxford Handbook of Archaeological Ceramic Analysis*, edited by A. Hunt, pp. 399-423. Oxford University Press, Oxford.
- 2016 GOEMAERE, E., H. SALOMON, C. BILLARD, G. QUERRE, F. MATHIS, **M. GOLITKO**, C. DUBRULLE-BRUNAUD, X. SAVARY, & R. DREESSEN. Les hématites oolithiques du Néolithique ancien et du Mésolithique de Basse-Normandie (France): caractérisation physico-chimique et recherche des provenances. In *Autour de l’hématite, Actes de Jambes 7-8/02/2013*, edited by C. Billard, D. Bosquet, R. Dreesen, E. Gomaere, C. Hamon, I Jadin, H. Salomon, & X. Savary, pp. 89-119. *Studia Prehistorica Belgica 8, Anthropologica et Præhistorica 125/2014*. ERAUL, Liège.
- 2016 **GOLITKO, M.**, N. SHARRATT, & P.R. WILLIAMS. Open-cell ablation of Killke and Inka pottery from the Cuzco area: Museum collections as repositories of provenience information. In: *Recent Advances in Laser Ablation ICP-MS for Archaeology*, edited by L. Dussubieux, M. Golitko, & B. Gratuze, pp. 27-52. Springer Verlag, Berlin.
- 2015 PISCITELLI, M., S. CHACALTANA CORTEZ, N. SHARRATT, **M. GOLITKO**, AND P.R. WILLIAMS. Inferring Socio-Political Dynamics in the Moquegua Valley through Geochemical Analysis. In *Ceramic Analysis in the Andes*, edited by I. Druc. Madison, pp. 103-121. Madison: Deep University Press.

- 2013 **GOLITKO, M.**, M. SCHAUER⁺, & J.E. TERRELL. Obsidian acquisition on the Sepik coast of northern Papua New Guinea during the last two Millennia. In *Pacific Archaeology: Documenting the Past 50,000 Years*, edited by G. Summerhayes & H. Buckley, pp. 43-57. University of Otago Studies in Archaeology 25. Dunedin: University of Otago.
- 2013 JANUSEK, J., P.R. WILLIAMS, **M. GOLITKO**, & C. LÉMUZ AGUIRRE. Building Taypikala: Telluric Transformations in the Lithic Production at Tiwanaku. In *Quarrying and Mining in the Ancient Andes: Sociopolitical, Economic and Symbolic Dimensions*, edited by N. Tripcevich & K. Vaughn, pp 65-98. New York: Springer Science+Business Media.
- 2012 BOSQUET, D., & **M. GOLITKO**. Highlighting and characterizing the pioneer phase of the Hesbayen LBK (Liège Province, Belgium). In *Siedlungsstruktur und Kulturwandel in der Bandkeramik. Beiträge der internationalen Tagung "Neue Fragen zur Bandkeramik oder alles beim Alten?!", Leipzig, 23. bis 24. September 2010*, edited by S. Wolfram & H. Stäuble, pp. 87-102. Dresden: Landesamt für Archäologie Freistaat Sachsen.
- 2012 MEIERHOFF, J. ⁺, **M. GOLITKO**, & J. MORRIS⁺. Obsidian Acquisition, Trade, and Regional Interaction at the Ancient Maya Farming Village of Chan, Belize. In *Chan: An Ancient Maya Farming Community in Belize*, edited by C. Robin, pp. 271-288. Gainesville: University of Florida Press.
- 2011 **GOLITKO, M.** Provenience Investigations of Ceramic and Obsidian samples using Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry (LA-ICP-MS) and portable X-ray Fluorescence (p-XRF). In *Exploring Prehistory on the Sepik coast, Papua New Guinea*, edited by J.E. Terrell & E.M. Schechter, pp. 251-287. Fieldiana Anthropology New Series No. 42. Chicago: Field Museum of Natural History.
- 2011 TERRELL, J.E., E. SCHECHTER, & **M. GOLITKO**. Conclusions. In *Exploring Prehistory on the Sepik coast, Papua New Guinea*, edited by J.E. Terrell & E.M. Schechter, pp. 295-303. Fieldiana Anthropology New Series No. 42. Chicago: Field Museum of Natural History.
- 2011 **GOLITKO, M** & D. BOSQUET. Implications des Analyses de la Composition de la Ceramique pour la transition Mesolithique-Neolithique dans L'Europe du Nord-Ouest. In *5000 ans avant J.-C.: la grande migration? Le Néolithique ancien dans la collection Louis Éloy*, edited by A. Hauzeur, I. Jadin, & C. Jungels, pp. 86-93. Collections du Patrimoine culturel no. 3. Édition du Service Patrimoine culturel de la Fédération Wallonie-Bruxelles, Brussels.
- 2010 BOSQUET, D., A. SALAVERT, & **M. GOLITKO**. Signification chronologique des assemblages détritiques rubanés: confrontation des données anthracologiques, typologiques et stratigraphiques sur trois sites de Hesbaye (province de Liège, Belgique). In *Taphonomie des résidus organiques brûlés et des structures de combustion en milieu archéologique (actes de la table ronde, 27-29 mai 2008, Cépam)*, edited by I. Théry-Parisot, L. Chabal, & S. Costamagno. *P@lethnologie* 2: 39-57.
- 2008 BOSQUET, D., **M. GOLITKO**, A. SALAVERT, V. BEUGNIER, F. DELIGNE, I. JADIN, F. MARTIN, & R. QUICK. Une Phase Pionnière à l'Origine du Peuplement Rubané de la Hesbaye Liégeoise (Belgique). In *Fin des traditions danubiennes dans le Néolithique du Bassin parisien et de la Belgique (5100-4700 av. J.-C.): Autour des recherches de Claude Constantin*, edited by L. Burnez-Lanotte, M. Ilett, & P. Allard. Mémoire de la Société préhistorique Française XLIV. pp. 301-315. Namur, Presses Universitaires de Namur.
- 2007 DUSSUBIEUX, L., **M. GOLITKO**, P.R. WILLIAMS, & R.J. SPEAKMAN. LA-ICP-MS Analysis applied to the Characterization of Peruvian Wari Ceramics. In *Archaeological Chemistry: Analytical Technique and Archaeological Interpretation*, edited by M. D. Glascock, R.J. Speakman, & R.S. Popelka-Filcoff, pp. 349-363. ACS Publication Series 968. American Chemical Society, Washington, DC.
- 2004 KEELEY, L.H., & **M. GOLITKO**. First Farmers of Central Europe. In *Ancient Europe 8000 B.C.-A.D. 1000: Encyclopedia of the Barbarian World*, edited by P. Bogucki & P.J. Crabtree, pp. 259-266. Charles Scribner's Sons, New York.
- in press **GOLITKO, M.** Provenience Investigations of Obsidian Artifacts from the Field Museum of Natural History Kish Collections using portable X-ray Fluorescence Analysis. In *Where Kingship Descended from Heaven: New Studies on Ancient Kish*, edited by K. Wilson & D.

- Bekken, pp. 105-115. Chicago, Oriental Institute Publications, The Oriental Institute of the University of Chicago (anticipated 2023 publication).
- accepted **GOLITKO, M.** Geochemical networks. In *The Oxford Handbook of Archaeological Network Research*, edited by T. Brughmans, B.J. Mills, J. Munson, and M.A. Peeples. Oxford, Oxford University Press. (scheduled 5/2023 publication).
- in review **GOLITKO, M.** A review of portable XRF instruments. For inclusion in *Sourcing Obsidian*, edited by F.-X. Le Bourdonnec, M.S. Shackley, and M. Orange. Springer. (submitted 6/1/21)
- in review **GOLITKO, M., G.M. FEINMAN & L.M. NICHOLAS.** New results and current developments in Mesoamerican obsidian studies. For inclusion in *Sourcing Obsidian*, edited by F.-X. Le Bourdonnec, M.S. Shackley, and M. Orange. Springer. (submitted 9/1/21)
- in review **GOLITKO, M.** New Guinea. For inclusion in *The Oxford Handbook of Island & Coastal Archaeology*, edited by S.M. Fitzpatrick & J.M. Erlandson. Oxford, Oxford University Press (submitted 2/23/22).

NON-REFEREED PUBLICATIONS (†student co-author)

- 2021 **GOLITKO, M.** Editorial for special issue “Archaeological Ceramic Diagenesis” *Minerals* 11: 1034.
- 2020 **GOLITKO, M.** Neuguinea: Modellfall für die europäische Vorgeschichte? In *Grenzüme in der Archäologie*, edited by J. Menne & M. Brunner, pp. 57-63. Wbg Theiss, Darmstadt.
- 2019 **GOLITKO, M., G.M. FEINMAN, & L.M. NICHOLAS.** Archaeological network analysis viewed through Mesoamerican obsidian. In *Social Network Analysis in Economic Archaeology—Perspectives from the New World*, edited by T. Kerig, C. Mader, K. Ragkou, M. Reinfeld, and T. Zacher, pp. 1-12. Dr. Rudolf Habelt GmbH, Bonn.
- 2019 FEINMAN, G.M., **M. GOLITKO,** & L.M. NICHOLAS. A network analysis of prehispanic obsidian exchange: implications for macroregional dynamics and ancient economies. In *Social Network Analysis in Economic Archaeology—Perspectives from the New World*, edited by T. Kerig, C. Mader, K. Ragkou, M. Reinfeld, and T. Zacher, pp. 13-36. Dr. Rudolf Habelt GmbH, Bonn.
- 2017 **GOLITKO, M.** Lawrence H. Keeley. In Memoriam, *Anthropology News* doi: 10.1111/AN.721
- 2017 DUSSUBIEUX, L., & **M. GOLITKO.** Scientific Analyses and Stone Beads. In *Stone Beads of South and Southeast Asia: Archaeology, Ethnography and Global Connections*, edited by A.K. Kanungo, pp. 389-400. Indian Institute of Technology Gandhinagar and Aryan Books International, Gandhinagar and New Delhi.
- 2016 **GOLITKO, M.** Introduction to solid sampling strategies. In: *Recent Advances in Laser Ablation ICP-MS for Archaeology*, edited by L. Dussubieux, M. Golitko, & B. Gratuze, pp. 23-25. Springer Verlag, Berlin.
- 2016 **GOLITKO, M.** Expanded applications of Laser Ablation-ICP-MS in archaeology. In: *Recent Advances in Laser Ablation ICP-MS for Archaeology*, edited by L. Dussubieux, M. Golitko, & B. Gratuze, pp. 231-233. Springer Verlag, Berlin.
- 2015 BONJEAN, D., Y. VANBRABANT, G. ABRAMS, S. PIRSON, C. BURLET, K. DI MODICA, M. OTTE, J. VANDER AUWERA, **M. GOLITKO,** R. MCMILLAN⁺, & E. GOEMAERE. Nouvelles données sur un pigment noir d’origine cambrienne, utilisé au Paléolithique moyen et découvert dans la grotte Scladina (Andenne, Belgique). *Notae Praehistoricae* 35: 121-146.
- 2013 TERRELL, J.E. & **M.L. GOLITKO.** Comment on D.V. Burley, “Fijian Polygenesis and the Melanesian/Polynesian Divide. *Current Anthropology* 54(4): 455-456.
- 2013 **GOLITKO, M.** Tiefe Gräben, hohe Wälle—Bollwerke der Steinzeit. *Archäologie in Deutschland*. 2013(1): 22-25.
- 2012 MEIERHOFF, J.⁺, **M. GOLITKO,** G.M. FEINMAN, & P.R. WILLIAMS. Chemical Characterization of Obsidian from the Maya site of San José, Belize. *Antiquity* 86: <http://antiquity.ac.uk/ant/086/ant0860507.htm>.
- 2010 MEIERHOFF, J.⁺, **M. GOLITKO,** & J. MORRIS⁺. Sourcing of obsidian from the ancient Maya farming community of Chan, Belize using portable XRF. *SAS Bulletin* 33(2): 5-8.

- 2005 KEELEY, L.H., D. BOSQUET, I. JADIN, R.S. QUICK, & M.L. GOLITKO. Nouvelles fouilles sur le site rubané de Waremme-Longchamps: Rapport de la campagne 2005. *Notae Praehistoricae* 25: 153-161.
- 2005 QUICK, R.S., D. BOSQUET, L.H. KEELEY, I. JADIN, & M.L. GOLITKO. A Large Area Geophysical Survey at Waremme-Longchamps, a Fortified Linienbandkeramik Site in Liege Province, Belgium. *Notae Praehistoricae* 25: 145-152.

OTHER COMMUNICATIONS, POPULAR MEDIA, AND SOCIAL MEDIA

- 2020- Quarterly posts in the *Society for Archaeological Sciences Bulletin* and the *Society for Archaeological Sciences Online Bulletin*
- 2020 Golembiewski, K. Archaeology of Future Disasters. *In the Field* (Winter 2020: 11). Article covering the results of 2014 fieldwork in Papua New Guinea.
- 2018 Interviewed by *Livescience.com* (2/13) regarding publication of the Mesolithic skull burial of KanalJordan, Sweden (*Antiquity*).
<https://www.livescience.com/61736-ancient-heads-on-stakes.html>
- 2017 Coverage of Oka *et al.* 2017 in *Science Magazine* and *The International Business Times*.
- 2017 Coverage of Goff *et al.* 2017 by *The New York Times*, the BBC, CNN, Reuters, NPR, *The Guardian*, *The Daily Mail*, *Discover Magazine* blog, *Popular Science*, *Livescience.com*, and *ScienceDaily*.
- 2017 FEINMAN, G.M., NICHOLAS, L.M., & M. GOLITKO. Ancient Obsidian: Reflections on Ancient Economies. *In the Field* (Summer 2017): 20.
- 2016-20 Administrator, BioAnthropology News <https://www.facebook.com/groups/BioAnthNews/>
- 2015 Interviewed by *Livescience.com* (8/17) and *USA Today* (8/18) regarding the publication of the early Neolithic massacre mass grave of Schöneck-Kilianstädten, Germany (*PNAS*).
<http://www.livescience.com/51884-neolithic-massacre-mass-grave.html>
<http://www.usatoday.com/story/news/2015/08/17/massacre-bloodshed-7000-years-germany/31869013/>
- 2015 GOLITKO, M. Migration, Admixture, and Human Populations. *Science Dialogues*.
<http://sciencedialogues.com/commentaries/migration-admixture-and-human-populations/>
- 2014 TERRELL, J.E., T. SHAFIE, & M. GOLITKO. How Networks are revolutionizing Scientific (and maybe Human) Thought. *Scientific American* blog network. (GS(3))
<http://www.scientificamerican.com/author/john-edward-terrell-termeh-shafie-and-mark-golitko/>
- 2012 News coverage of Golitko *et al.* 2012 (Complexities of Collapse) by *Huffington Post*.
- 2012 “Using obsidian to understand the Maya” Field Museum Podcast
<https://www.fieldmuseum.org/science/blog/podcast-using-obsidian-understand-maya>
- 2011 “The X-Ray Fluorescence Lab” Field Museum Video
<https://www.fieldmuseum.org/science/blog/video-x-ray-fluorescence-lab>

BOOK REVIEWS

- 2021 GOLITKO, M. Review of “*Debating Lapita: Distribution, Chronology, Society, and Subsistence*,” S. Bedford & M. Spriggs (eds.). *Archaeology in Oceania* 56: 70-72.
- 2018 GOLITKO, M. Review of “*A Brief History of Archaeology: Classical Times to the Twenty-First Century, 2nd edition*,” by B.M. Fagan & N. Durrani. *History of Anthropology Newsletter* 42(2018): <http://histanthro.org/reviews/a-brief-history-of-archaeology/>.
- 2015 GOLITKO, M. Sources and Semiotics: obsidian studies in North-east Asia and Mesoamerica. Review of “*Methodological Issues for Characterisation and Provenance of Obsidian in Northeast Asia*,” A. Ono, M.D. Glascock, Y.V. Kuzmin and Y. Suda (eds), and “*Obsidian Reflections: Symbolic Dimensions of Obsidian in Mesoamerica*,” M.N. Levine & D.M. Carballo (eds.). *Antiquity* 346: 988-990.
- 2011 GOLITKO, M. Review of “*The Statues that Walked: Unraveling the Mystery of Easter Island*,” by T. Hunt & C. Lipo. *Rapa Nui Journal* 25(2): 61-62.

REPORTS

- 2015 GOMAERE E., F. HANUT, E. DE WAELE, T. LEDUC, T. GOOVAERTS, **M. GOLITKO**, & D. BOSQUET. La production céramique de l'atelier de Walhain/Tourinnes-Saint-Lambert (fin 2e -3e siècle apr. J.-C.): Enquête pluridisciplinaire sur une officine locale méconnue. Pré-actes des Journées d'Archéologie en Wallonie. Rochefort 2015. *Rapports Archéologie* 1: 54-57.
- 2015 GOEMAERE E., S. CHALLE, S. DE LONGUEVILLE, **M. GOLITKO**, M. VERBEEK, T. GOOVAERTS, & T. LEDUC. Caractérisation archéométrique des céramiques glaçurées médiévales de Dinant et Bouvignes (Belgique): quelques résultats préliminaires. Pré-actes des Journées d'Archéologie en Wallonie. Rochefort 2015. *Rapports Archéologie* 1: 89-91.
- 2013 BILLARD, C., D. BOSQUET, C. BRUNAUD, R. DREESSEN, L. DURPET, E. GOEMAERE, **M. GOLITKO**, C. HAMON, I. JADIN, H. SALOMON, X. SAVARY, & K. WOZNICA. Projet Collectif de Recherche "Hématite" 2011: Essai de caractérisation de l'origine des hématites (oolithiques) exploitées à la fin du Mésolithique et au début du Néolithique. Preliminary INRAP report.
- 2010 **GOLITKO, M.** Chemical Analyses of Ceramics from Fexhe le haut Clocher *Podri l'Cortri* by Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry. In *Le site rubané de Fexhe-le-Haut-Clocher « Podri l'Cortri » (province de Liège, Belgique)*, edited by D. Bosquet. Etudes et Documents: Monuments et Sites Archéologie, Namur.
- 2007 **GOLITKO, M.**, H. NEFF, J.V. DUDGEON, & J.E. TERRELL. Chemical Characterization of Modern and Prehistoric Ceramics from the North Coast of Papua New Guinea. *Institute for Integrated Research in Materials, Environments, and Societies Annual Report 2007*: 16-17.
- 2001 KEELEY, L.H., R.S. QUICK, M. VERMILION, & **M. GOLITKO**. Ground Penetrating Radar Survey in the area of the Northeastern Cahokia Palisade. Report submitted to the director of the Cahokia Mounds State Historic Site, Collinsville, Illinois.

TEACHING (*graduate level component)

University of Notre Dame

- Buried Cities, Ancient Tribes: Mysteries of the Past (Fall 2016, 2017, 2019, 2021, 2022)
- University Seminar: Mysteries of the Past (Spring 2018)
- Fundamentals of Archaeology (Fall 2015, Spring 2016, 2017, 2018, 2019, 2020, 2021)
- *Nasty, Brutish, and Short: the Archaeology of War (Fall 2016, 2017, 2019, 2020, 2021, 2022)
- *Tales of the South Pacific: Oceanic Island Cultures (Spring 2017)
- *The Social Species (Spring 2016)
- *Lies, Damn Lies, and Statistics: Quantitative Methods for Anthropology (Spring 2020, 2021, 2022)
- *Anthropological Quantitative Reasoning (Fall 2015)
- Constructing Research Analysis (Fall 2015)
- *Graduate Directed Readings in Archaeology (Spring 2017, Fall 2017, Spring 2020)

University of Illinois at Chicago

- The Human Adventure (Spring 2012, 2013)
- Introduction to Archaeology (Fall 2007)
- Pacific Island Cultures (Fall 2013)
- *Archaeology of Interaction (Spring 2015)
- *Analytical Anthropology (Spring 2008, 2010, 2013, Fall 2014)
- *Museum Anthropology (Fall 2013)

Invited teaching at other institutions

- University of the Philippines-Diliman "Social network analysis in archaeology," 9/24/2020, 9/23/21
- DePaul University "Archaeological dating methods," 9/17/2020

STUDENT SUPERVISION AND MENTORING

Postdoctoral supervision

2021 Kelsey M. Reese, University of Notre Dame

PhD dissertation committees chaired

2021- Charles Morse, University of Notre Dame (co-chair)

2020- David Grogan, University of Notre Dame

2019- Elizabeth Adeyemo, University of Notre Dame (co-chair)

2019-21 Kelsey M. Reese, University of Notre Dame, "*Resilient communities of the Mesa Verde North Escarpment, AD 890-1300*"

Undergraduate senior theses supervised

2019-20 Mia Ayer, University of Notre Dame, "*A regional comparative analysis of external auditory exostosis in pre-Hispanic Peru: history and etiology*"

Other degree committees

2022 External PhD examiner, Marieke Vanoorenberghe, Ghent University, "*Studying the origin and use of the oldest prehistoric pottery in northern Belgium using high-end mass spectrometric methods*"

2019-22 PhD committee member, Alexandra Niclou, University of Notre Dame, "*When the cold gets under your skin: the variation and metabolic effects of Brown Adipose Tissue activity in Samoans*"

2022- PhD committee member, Keri Porter, University of Notre Dame

2019- PhD committee member, Cecelia Chisdock, University of Notre Dame

2018- External PhD committee member, William Ridge, University of Illinois at Chicago

2018- PhD committee member, Lauren Finnigan, Anthropology, University of Notre Dame

2017-21 PhD committee member, Charles Morse, University of Notre Dame

2017-19 PhD committee member, Kelsey M. Reese, University of Notre Dame

2014 MA examiner, Matthew Schauer, University of Illinois at Chicago

2014 External MA examiner, Zachary Batist, McMaster University

Other mentoring

2022-23 Aurelia Brice (Oak Park-River Forest Highschool), Investigational Research Design and Innovation Course mentee

2022 Matthew Heithoff (Notre Dame), undergraduate research assistant

2022 Jack Drey (Notre Dame), Kellogg International Scholars Program mentee

2022 Landi Wang (Notre Dame), undergraduate research assistant

2019-20 Claire Stanecki (Notre Dame), undergraduate research assistant

2019 Claire Stanecki (Notre Dame), Notre Dame-Field Museum intern

2018-19 Alyssa McGrath (Notre Dame), REU sites participant, BAKOTA project

2018 Clay Jaskowski (Notre Dame), Notre Dame-Field Museum intern

2017 Delaney Farwell (Notre Dame), undergraduate research assistant

2016 Craig Jensen (Aquinas College), REU sites participant, BAKOTA project

2015 Ashley Cercone (SUNY Buffalo), REU sites participant, BAKOTA project

2015 James Zimmer-Dauphinee (Vanderbilt), Regenstein intern for Pacific anthropology

2015 Misty Mikuls-Alloy (UIC), intern in archaeological science

2014 Elliot Yong (Princeton), intern for Pacific anthropology

2010-11 Matthew Schauer (UIC), intern for Pacific anthropology

2005-06 Matthew Schauer (UIC), intern for European archaeology

2005-06 Michelle Hoffman (UIC), intern for European archaeology

INVITED LECTURES AND EVENTS

- 2021 New Guinean social life and the archaeological imagination: language, material culture, and dynamic networks. Presentation as part of the “Archaeology of migration: moving beyond historical paradigms” seminar series, Université libre de Bruxelles, November 16th.
- 2020 Network hypotheses and models. Keynote address, “Relational thinking in archaeology: from network analysis to network modelling” workshop, University of Helsinki Centre of Excellence in Ancient Near Eastern Empires (ANEE). December 17th.
- 2020 Simply complex: social networks, language, and cultural patterning on New Guinea. The Santa Fe Institute, January 3rd.
- 2019 Public discussion with Sandro Miller related to his photographic exhibition “I am Papua New Guinea,” Catherine Edelman Gallery, Chicago, October 29th.
- 2019 Laser Ablation-ICP-MS in Archaeology. Keynote address, 3rd North American Workshop on Laser Ablation, Jackson School of Geosciences, University of Texas at Austin, May 29th-31st.
- 2014 Palaeoenvironmental archaeology on the north coast of Papua New Guinea. Universiteit Leiden Faculty of Archaeology, December 15th.
- 2014 Thinking outside the box: social networks in the southwestern Pacific and implications of SNA for archaeology, University of Konstanz Department of Computer & Information Science, September 16th.
- 2014 Archaeological Network Analysis on the Sepik coast of Papua New Guinea. University of Notre Dame Interdisciplinary Center for Network Science & Applications, April 29th.
- 2012 Provenance studies of ceramics and obsidian from the Sepik coast, northern Papua New Guinea. Ripon College, May 5th.
- 2011 Recent Archaeological Research on the Sepik coast of northern Papua New Guinea and implications for Pacific Prehistory. University of Wisconsin-Madison Department of Anthropology, March 4th.
- 2010 Warfare, Economy, and Village Development during the Belgian early Neolithic. Idaho State University Department of Anthropology, October 8th.

CONFERENCE PRESENTATIONS (*invited, +student co-author)

- upcoming **GOLITKO, M.**, M. UY⁺, & M. BERKE. Preliminary chemical fossil assessment of mid to late-Holocene environment and human-forest dynamics on the north coast of New Guinea. Paper to be presented at the 88th annual meeting of the Society for American Archaeology, March 29th-April 2nd, 2023, Portland.
- 2022 ADEYEMO, E.⁺, & **M. GOLITKO**. Prioritizing safety and defense: evaluating buffer zones in West African antiquity. Paper presented at the 16th Pan African Archaeological Association Congress, August 7th-12th, 2022, Zanzibar.
- 2022 GROGAN, D.⁺, & **M. GOLITKO**. Population density predicts buffer zone width: implications for archaeological population estimation. Poster presented at the 87th annual meeting of the Society for American Archaeology, March 30th-April 3rd, Chicago.
- 2021* **GOLITKO, M.**, J.V. DUDGEON, & C. STANECKI⁺. A (near) comprehensive chemical characterization of obsidian in the Field Museum collections from the Hopewell Site, Ross County, Ohio. Paper presented at the “Obsidian across the Americas” workshop, 8th October, Field Museum of Natural History, Chicago.
- 2021* G.M. FEINMAN, L. NICHOLAS, & **M. GOLITKO**. Macroscale shifts in obsidian procurement networks across prehispanic Mesoamerica. Paper presented at the “Obsidian across the Americas” workshop, 8th October, Field Museum of Natural History, Chicago.
- 2021* L. NICHOLAS, G.M. FEINMAN & **M. GOLITKO**. Changing patterns of obsidian procurement in highland Oaxaca, Mexico. Paper presented at the “Obsidian across the Americas” workshop, 8th October, Field Museum of Natural History, Chicago.
- 2021* **GOLITKO, M.** A comprehensive PXRF characterization of obsidian from the Hopewell Site, Ross County, Ohio held in the Field Museum collections. Paper presented at the XIX UISPP World Congress, 2nd-7th September, 2021, virtual meeting.

- 2021* **GOLITKO, M.** What do archaeological networks reveal? Comparing New Guinean material culture with ethnographic network structure. Paper presented at the 86th annual meeting of the Society for American Archaeology, April 14th-18th, 2021, virtual meeting.
- 2020* **GOLITKO, M., A. KREITER, D.J. RIEBE, P.R. DUFFY, AND GY.M. PARDITKA⁺.** Living on the edge: Bronze Age ceramic production and exchange in eastern Hungary. Paper presented at the 26th annual meetings of the European Association of Archaeologists, August 26th-30th, virtual meeting.
- 2019* **GOLITKO, M.** Genes, networks, and human prehistory. Paper presented at the 118th American Anthropological Association Meeting, November 20th-24th, Vancouver.
- 2019* **GOLITKO, M., & J.E. TERRELL.** Paleoenvironment and Holocene land-use intensity on the northern coastal flats of Papua New Guinea. Paper presented at the 9th Lapita Conference. 15th-18th October, Port Moresby.
- 2019 SHARRATT, N., WILLIAMS, P.R., BACA MARROQUIN, E., CHACALTANA-CORTEZ, S., **GOLITKO, M., MORENO, M., & D. SMIT.** Una perspectiva geoquímica sobre la alfarería del pasado Andino: colaboración para desarrollar una base de datos de arcillas de diversas regiones. Paper presented at VII Taller GEGAL Encuentro Latinoamericano de Geoarqueología, 25-27th September, Lima.
- 2019 **GOLITKO, M., & C. JASKOWSKI⁺.** Holocene paleoenvironment and demography of the New Guinea north coast. Paper presented at the 84th annual meeting of the Society for American Archaeology, April 10th-14th, Albuquerque.
- 2019* MCGRATH, A.⁺, & **M. GOLITKO.** Chemical and Mineralogical Examination of Surface Encrustations on Middle Bronze Age Pottery from Békés 103, eastern Hungary. Poster presented at the 84th annual meeting of the Society for American Archaeology, April 10th-14th, Albuquerque.
- 2018* **GOLITKO, M.** Is New Guinea the world’s biggest “island laboratory?” Paper presented at the 24th annual meetings of the European Association of Archaeologists, September 5th-8th, Barcelona.
- 2018* **GOLITKO, M.** Some thoughts on archaeological boundaries from a network perspective. Paper presented at the 24th annual meetings of the European Association of Archaeologists, September 5th-8th, Barcelona.
- 2018* **GOLITKO, M., A. KREITER, P. DUFFY, & G. PARDITKA⁺.** Loess is more: chemical and petrographic analyses of Middle-Late Bronze Age ceramics and reference clays from the Great Hungarian Plain. Paper presented at the XVIIIe World UISPP Congress, June 4th-9th, Paris.
- 2018* TERRELL, J.E., & **M. GOLITKO.** Prehistory may not be what it seems—using network analysis as a research tool in historical studies. Paper presented at the XVIIIe World UISPP Congress, June 4th-9th, Paris.
- 2018 MORSE, C.M.⁺, R. OKA, **M. GOLITKO,** & C. KUSIMBA. More than coasting: Modeling intra-oceanic trade along the East African coast. Poster presented at the 2018 Society for Economic Anthropology Annual Meeting, March 1st-3rd, Arizona State University, Tempe.
- 2018* **GOLITKO, M.** Reading between the lines: sourcing studies and network modelling along the Holocene Bismarck Sea. Paper presented at the workshop “The ‘Social’ Side of Archaeometry: Scientific Methods for Addressing Anthropological Questions,” March 2nd, The Field Museum of Natural History, Chicago.
- 2017* **GOLITKO, M.** Island-mainland networks on the Sepik coast of northern Papua New Guinea. Paper presented at the 23rd annual meetings of the European Association of Archaeologists, August 30th-September 3rd, Maastricht.
- 2017 GOEMAERE, E., P. SOSNOWSKA, T. GOOVAERTS, T. LEDUC, & **M. GOLITKO.** Étude archéométrique de la brique d’ancien régime à Bruxelles avant et après le bombardement par les troupes de Louis XIV en 1695: distinction de la production briquetière locale et des matériaux d’importation. Paper presented at the 21st International GMPCA Archaeometry Colloquium, March 19th-21st, CreAAH, Rennes.

- 2017* **GOLITKO, M.** How social are archaeological social network analyses? Paper presented at the 82nd annual meeting of the Society for American Archaeology, March 29th-April 2nd, Vancouver.
- 2017* JENSEN, C.⁺, & **M. GOLITKO.** Ceramics Provenience: Chemical Analysis of Ceramics and Clays in Eastern Hungary via LA-ICP-MS. Poster presented at the 82nd annual meeting of the Society for American Archaeology, March 29th-April 2nd, Vancouver.
- 2017* **GOLITKO, M.** Historical contingency in network data: examples from museum collections research. Paper presented at the 2017 Computer Applications in Archaeology meeting, March 14th-16th, Georgia State University, Atlanta.
- 2016* **GOLITKO, M., J. ZIMMER-DAUPHINEE⁺, AND J.E. TERRELL.** Cultural diversity as network structure: a multi-model analysis of New Guinean bone daggers. Paper presented at the symposium “Bridging Social and Geographical Space through Networks,” December 2nd-3rd, Topoi, Freie Universität Berlin, Berlin.
- 2016* GOEMAERE, E., S. CHALLE, S. DE LONGUEVILLE, **M. GOLITKO, M. VERBEEK, T. GOOVAERTS, & T. LEDUC.** Caractérisation archéométrique des céramiques glaçurées médiévales de Dinant et Bouvignes (Belgique): quelques résultats préliminaires. Paper presented at ICERAMM, November 17-19th, INRAP, Paris.
- 2016* **GOLITKO, M.** PXRF and the potentials of obsidian “Big Data.” Paper presented at the first annual meeting of the UISPP Commission on Archaeometry of Pre- and Protohistoric Inorganic Artifacts, Materials and Technologies, October 14th-15th, Miskolc.
- 2016 GOICOECHEA, S. ⁺, **M. GOLITKO, G.A. TORRES, & L.T. GETTLER.** Social support, rank, and testosterone in performance art. Poster presented at the Human Behavior and Evolution Society 28th Annual Meeting, June 29th-July 2nd, Vancouver.
- 2016* **GOLITKO, M., E.E. COCHRANE, & J.R. GOFF.** Coastal development and paleoenvironment on the north coast of Papua New Guinea: the Paniri Creek sequence. Paper presented at the 81st annual meeting of the Society for American Archaeology, April 6th-10th, Orlando.
- 2016* CERCONE, A. ⁺, & **M. GOLITKO.** Ceramics production and trade across the Great Hungarian Plain: Chemical analysis of Bronze Age ceramics from Békés 103 in Eastern Hungary. Poster presented at the 81st annual meeting of the Society for American Archaeology, April 6th-10th, Orlando.
- 2016* ZIMMER-DAUPHINEE, J. ⁺, **M. GOLITKO, E.M. SCHECHTER, T. SHAFIE, & J.E. TERRELL.** Cassowary bone daggers from Papua New Guinea: Similarity networks, ERGMs, and spatial modelling. What can they tell us? Paper presented at the International Sunbelt Social Network Conference 36, April 5th-10th, Newport Beach.
- 2015 GOMAERE E., F. HANUT, E. DE WAELE, T. LEDUC, T. GOOVAERTS, **M. GOLITKO, & D. BOSQUET.** La production céramique de l’atelier de Walhain/Tourinnes-Saint-Lambert (fin 2e -3e siècle apr. J.-C.): Enquête pluridisciplinaire sur une officine locale méconnue. Poster presented at Journées de l’Archéologie Wallonne (JAW), November 18th-20th, Rochefort.
- 2015 GOEMAERE E., S. CHALLE, S. DE LONGUEVILLE, **M. GOLITKO, M. VERBEEK, T. GOOVAERTS, & T. LEDUC.** Caractérisation archéométrique des céramiques glaçurées médiévales de Dinant et Bouvignes (Belgique): quelques résultats préliminaires. Poster presented at Journées de l’Archéologie Wallonne (JAW), November 18th-20th, Rochefort.
- 2015* **GOLITKO, M, G.M. FEINMAN, & L.M. NICHOLAS.** Archaeological Network Analysis viewed through Mesoamerican Obsidian: prospects and challenges. Paper presented at “Digging a vertex, finding the edges: Approaches to Social Network Analysis in Archaeology.” Workshop held at Universität zu Köln, July 3rd-4th, Cologne.
- 2015* FEINMAN, G.M., **M. GOLITKO, & L.M. NICHOLAS.** A Network Analysis of Prehispanic Obsidian Exchange: Implications for Macroregional Dynamics and Ancient Economies. Paper presented at “Digging a vertex, finding the edges: Approaches to Social Network Analysis in Archaeology.” Workshop held at Universität zu Köln, July 3rd-4th, Cologne.
- 2015* **GOLITKO, M.** Compositional analysis of LBK ceramics from the Hesbaye region of Belgium: Progress, problems, and prospects. Paper presented at the workshop “Matières à

- Penser”: Raw Materials Acquisition and Processing in Early Neolithic Pottery Production, May 29th-30th, University of Namur, Namur.
- 2015* VAN DOOSSELAERE, B., **M. GOLITKO**, L. BURNEZ-LANOTTE, & D. DELDICQUE. Compositional variability of Early Neolithic pottery: a case study from Vaux-et-Borset (Blicquy/Villeneuve-Saint-Germain, 4900-4650 cal BC, central Belgium). Paper presented at the workshop “Matières à Penser”: Raw Materials Acquisition and Processing in Early Neolithic Pottery Production, May 29th-30th, University of Namur, Namur Belgium.
- 2015* **GOLITKO, M.** Provenance Studies using Trace Elements: the Past, Present, and Future. Paper presented at the 2015 User’s Group for Mass Spectrometry and Chromatography (MaSC) workshop, May 17th-20th, Chicago.
- 2015 GOEMAERE, E., F. HANUT, E. DE WAELE, T. LEDUC, **M. GOLITKO**, & D. BOSQUET. Enquête archéométrique sur la production de poteries dans l’agglomération gallo-romaine de Tourinnes-Saint-Lambert (Walhain, Belgique). Poster presented at the 20th Symposium of Archaeometry GMPCA, April 27th-30th, Besançon.
- 2015 GOEMAERE, E., C. SOPHIE, S. DE LONGUEVILLE, **M. GOLITKO**, M. VERBEEK, T. GOOVAERTS, AND T. LEDUC. Caractérisation archéométrique des céramiques médiévales glaçurées de Dinant et Bouvignes (Belgique). Poster presented at the 20th Symposium of Archaeometry GMPCA, April 27th-30th, Besançon.
- 2015 **GOLITKO, M.**, E.E. COCHRANE, S.P. WILLIAMS, & J. KARIWIGA⁺. Archaeological and Palaeoenvironmental investigations in the Aitape area of northern Papua New Guinea, 2014. Poster presented at the 80th annual meeting of the Society for American Archaeology, April 15th-19th, San Francisco.
- 2014* **GOLITKO, M.**, & J.E. TERRELL. Thinking outside the box: social networks on the Sepik coast of Papua New Guinea and implications of SNA for Europe and beyond. Paper presented at the 20th annual meeting of the European Association of Archaeologists, September 10th-14th, Istanbul.
- 2014* PISCITELLI, M., S. CHACALTANA CORTEZ, N. SHARRATT, **M. GOLITKO**, & P.R. WILLIAMS. Inferring Socio-Political Dynamics in the Moquegua Valley through Geochemical Analysis. Paper presented at the 79th annual meeting of the Society for American Archaeology, April 23rd-27th, Austin.
- 2014 CRONIN, J. ⁺, A. CARDONA ROSAS, **M. GOLITKO**, P.R. WILLIAMS, & M. CECILIA LOZADA. Obsidian and Wari Expansion: a View from the Vitor Valley of Southern Peru. Paper presented at the 79th annual meeting of the Society for American Archaeology, April 23rd-27th, Austin.
- 2014* **GOLITKO, M.**, & G.M. FEINMAN. Procurement and distribution of obsidian in Prehispanic Mesoamerica, 900 BC—AD 1520: an economic network analysis. Paper presented at the International Sunbelt Social Network Conference XXXIV, February 18th-23rd, Saint Petersburg Beach.
- 2014* SHARRATT, N., **M. GOLITKO**, & P.R. WILLIAMS. Pottery production and ceramic circulation during the Middle Horizon: LA-ICP-MS analyses of Tiwanaku pottery from the Moquegua Valley, Perú. Paper presented at the 54th annual meeting of the Institute of Andean Studies, January 10th-11th, Berkeley.
- 2013* **GOLITKO, M.** Participant, 2nd Regenstein Workshop on Baseline Probability Analysis, December 4th-6th, 2013, Field Museum, Chicago.
- 2013 **GOLITKO, M.** “No evidence for war or chieftainship?” Violence in the European early Neolithic. Paper presented at the 112th annual meetings of the American Anthropological Association, November 20th-24th, Chicago.
- 2013* **GOLITKO, M.** Participant, Regenstein Workshop on Baseline Probability Analysis, May 10th-11th, 2013, Field Museum, Chicago.
- 2013 SOSNOWSKA P., E. GOEMAERE, **M. GOLITKO**, & T. LEDUC. Atours de la brique d’Ancien Régime à Bruxelles (XIV-XIX^o siècle): approche de la production briquetière locale et des matériaux d’importation. Premiers résultats d’une étude pluridisciplinaire. Poster presented at

- the 29th colloque du Groupe des Méthodes Pluridisciplinaires Contribuant à l'Archéologie (GMPCA), April 22nd-26th, Université de Caen Basse-Normandie, Caen.
- 2013 HENROTAY D., T. LEDUC, Y. VANBRABANT, O. COLETTE, **M. GOLITKO** & E. GOEMAERE. Caractérisation de la céramique médiévale d'autelbas (Arlon, Belgique) et identification des sources de la matière première. Poster presented at the 29th colloque du Groupe des Méthodes Pluridisciplinaires Contribuant à l'Archéologie (GMPCA), April 22nd-26th, Université de Caen Basse-Normandie, Caen.
- 2013* **GOLITKO, M.**, & G.M. FEINMAN. Network analysis of Classic and Postclassic obsidian distribution in Mesoamerica. Paper presented at the 78th annual meeting of the Society for American Archaeology, April 3rd-7th, Honolulu.
- 2013 **GOLITKO, M.** Discussant, "Re-connecting the past: the future of social network analysis in archaeology." Forum held at the 78th annual meeting of the Society for American Archaeology, April 3rd-7th, Honolulu.
- 2013* TERRELL, J.E., & **M. GOLITKO**. Prehistory in the Pacific Islands: the possible and the actual. Paper presented at the 78th annual meeting of the Society for American Archaeology, April 3rd-7th, Honolulu.
- 2012* **GOLITKO, M.**, & R. TORRENCE. Characterizing Obsidian Spears from the Admiralty Islands with ICP-MS and PXRF. Paper presented at the 2012 Eastern Analytical Symposium and Exposition, November 12th-15th, Somerset.
- 2012 HONINGS, J., E. GOEMAERE, F. BOSTYN, C. MONCHABLON, E. LEROY-LANGELIN, P. DEGRYSE, **M. GOLITKO**, H. COLLET, & I. JADIN. Rare Earth Elements and Sr-isotopic geochemistry: tools to determine the geological and geographical origins of Neolithic fluorites. Poster presented at the 39th International Symposium on Archaeometry, May 28th-June 1st, Leuven.
- 2012* **GOLITKO, M.** Invited participant, FaCE Grant Workshop "Learning Together: A Ripon College Archaeometry Working Group on Teaching and Research," May 5th, Ripon College, Ripon.
- 2012* **GOLITKO, M.**, H. MOHOLY-NAGY, J. MEIERHOFF⁺, & C. KESTLE⁺. Technological, Chronological, and Social Dimensions of Obsidian Acquisition at Tikal, Guatemala. Paper presented at the 77th annual meeting of the Society for American Archaeology, April 18th-22nd, Memphis.
- 2012* CHEVALIER, A., A. SALAVERT, C. HAMON, D. BOSQUET, & **M. GOLITKO**. Integrating archaeological data toward a better understanding of food plant use in the early Northwestern European Neolithic. Paper presented at the 77th annual meeting of the Society for American Archaeology, April 18th-22nd, Memphis.
- 2012* **GOLITKO, M.** & J.E. TERRELL. Exploring Cultural Patterning on the North Coast of Papua New Guinea using Social Network Analysis. Paper presented at "Inland Seas in Global Perspective: International Conference on the Archaeology, History and Heritage Management of Coastal Landscapes," March 16th-17th, Leiden University, Leiden.
- 2012 JANUSEK, J., P.R. WILLIAMS, **M. GOLITKO**, & C. LEMUZ. Telluric Urbanism: Lithic Transformations in the Production of Tiwanaku. Paper presented at the 40th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, February 25th-26th, Chicago.
- 2012 JANUSEK, J., P.R. WILLIAMS, **M. GOLITKO**, & C. LEMUZ. Building Taypikala: Telluric Transformations in the Lithic Production of Tiwanaku. Paper presented at the 52nd annual meeting of the Institute of Andean Studies, January 6th-7th, Berkeley.
- 2011* **GOLITKO, M.** Violent conflict in the early Neolithic Linearbandkeramik (LBK) culture of central Europe. Paper presented at the 110th annual meeting of the American Anthropological Association, November 16th-20th, Montréal.
- 2011 BILLARD, C., X. SAVARY, E. GOEMAERE, D. BOSQUET, L. DUPRET, **M. GOLITKO**, C. HAMON, H. SALOMON, G. GOLDENBERG, I. JADIN, K. WOZNICA, G. QUERRÉ, & F. BOSTYN. L'origine des hématites oolithiques exploitées durant la préhistoire récente: Objectifs et méthodes d'un projet collectif de recherche. Poster presented at the 30th Colloque

- Interrégional sur le Néolithique “Zones de production et organisation des territoires au Néolithique: Espaces exploités, occupés, parcourus,” October 7th-9th, Tours.
- 2011* **GOLITKO, M.**, M. SCHAUER⁺, & J.E. TERRELL. Recent obsidian research on the Sepik coast of northern Papua New Guinea using PXRF. Paper presented at the 2011 Lapita Pacific Archaeology Conference, June 27th-July 1st, Apia.
- 2011 GOEMAERE, E., J. HONINGS, C. JUNGELS, **M. GOLITKO**, P. DEGRYSE, & J. SCHNEIDER. Analyses des isotopes du strontium et des terres rares appliquées à la détermination des sources géologiques et géographiques des fluorites trouvées en contexte archéologique (Paléolithique supérieur et Néolithique). Poster presented at Archéométrie 2011, April 11th-15th, Liège.
- 2011 BURGCHARDT, L. ⁺, D. NASH, & **M. GOLITKO**. Obsidian sourcing points to inclusive exchange for the people of Cerro Mejía. Paper presented at the 76th annual meeting of the Society for American Archaeology, March 30th-April 3rd, Sacramento.
- 2011* JANUSEK, J., P.R. WILLIAMS, **M. GOLITKO**, & C. LEMUZ. Building Taypikala: Changing Patterns of Stone Procurement and the Production of Tiwanaku Monumentality. Paper presented at the 76th annual meeting of the Society for American Archaeology, March 30th-April 3rd, Sacramento.
- 2011 MEIERHOFF, J. ⁺ & **M. GOLITKO**. Obsidian acquisition, trade, and regional interaction at the ancient Maya farming village of Chan, Belize. Paper presented at the 76th annual meeting of the Society for American Archaeology, March 30th-April 3rd, Sacramento.
- 2011 MEIERHOFF, J. ⁺, **M. GOLITKO**, G.M. FEINMAN, & P.R. WILLIAMS. Terminal and Postclassic Obsidian Exchange Networks: San José Belize and the broader Maya World. Paper presented at the 2011 Midwest Mesoamerican Meetings, March 5th, Iowa City.
- 2011 MOHOLY-NAGY, H., J. MEIERHOFF⁺, **M. GOLITKO**, & C. KESTLE⁺. A Large Sample of Obsidian Source Attributions from Tikal, Guatemala. Paper presented at the 2011 Midwest Mesoamerican Meetings, March 5th, Iowa City.
- 2010* **GOLITKO, M.**, R. OKA, C. KUSIMBA, J.E. TERRELL, & P.R. WILLIAMS. From Elemental Chemistry to Global Exchange: Inferring Social Economies and Interactions in Belgium, New Guinea, and the Indian Ocean-South China Sea. Paper presented in the session “Ceramic Ecology XXIV” at the 109th annual meeting of the American Anthropological Association, November 17th-21st, New Orleans.
- 2010 BOSQUET, D., V. BEUGNIER, **M. GOLITKO**, & A. SALAVERT. The pioneer phase of the Belgian LBK on four sites from the Hesbaye (Liège province, Belgium). Paper presented at Internationalen Tagung “Neue Fragen zur Bandkeramik oder Alles beim Alten?!” September 23rd-24th, Leipzig.
- 2010 DUSSUBIEUX, L., **M. GOLITKO**, P.R. WILLIAMS, & R. COX. ICP-MS with adaptable chamber laser: quantitative analysis of ceramic artifacts in the Museum environment. Poster presented at the 38th International Symposium on Archaeometry, May 10th-14th, Tampa.
- 2010 GOEMAERE, E., C. JUNGELS, **M. GOLITKO**, P. DEGRYSE, J. HONINGS, & J. SCHNEIDER. La fluorite: une matière première inhabituelle en Préhistoire. Identification des sources géologiques et géographiques de la matière première. Paper presented at “Roches et sociétés de la Préhistoire entre Massifs cristallins et Bassins sédimentaires,” April 27th-29th, Rennes.
- 2010* **GOLITKO, M.** & J.E. TERRELL. Applications of LA-ICP-MS to the study of Holocene social networks on the Sepik Coast of Papua New Guinea. Poster presented at the 75th annual meeting of the Society for American Archaeology, April 14th-18th, St. Louis.
- 2010* BRUM, M. ⁺, **M. GOLITKO**, J. JANUSEK, A. LEVINE, C. STANISH, & P.R. WILLIAMS. Basalt Sources in the Andean Altiplano. Poster presented at the 75th annual meeting of the Society for American Archaeology, April 14th-18th, St. Louis.
- 2010* DUSSUBIEUX, L, R. COX, **M. GOLITKO**, & P.R. WILLIAMS. ICP-MS with adaptable chamber laser: quantitative analysis of glass, metal and ceramic artifacts in the Museum environment. Poster presented at the 75th annual meeting of the Society for American Archaeology, April 14th-18th, St. Louis.

- 2010* MEIERHOFF, J. ⁺, **M. GOLITKO**, & J. MORRIS⁺. Sourcing of obsidian from the ancient Maya farming village of Chan, Belize using Portable XRF. Poster presented at the 75th annual meeting of the Society for American Archaeology, April 14th-18th, St. Louis.
- 2010* SHARRATT, N., **M. GOLITKO**, P.R. WILLIAMS, & L. DUSSUBIEUX. Clay Procurement in the Middle Horizon; LA-ICP-MS Analysis of Wari and Tiwanaku Ceramics from the Moquegua Valley, Peru. Poster presented at the 75th annual meeting of the Society for American Archaeology, April 14th-18th, St. Louis.
- 2010* MEIERHOFF, J. ⁺, **M. GOLITKO**, & J. MORRIS⁺. Sourcing of Obsidian from the Ancient Maya farming Village of Chan, Belize, using portable XRF. Paper presented at the Midwest Mesoamericanist Meeting, March 19th-20th, Milwaukee.
- 2010 JANUSEK, J.W., P.R. WILLIAMS, & **M. GOLITKO**. Tiwanaku Volcanic Stone: Preliminary Results of Provenance Analysis, 2009. Paper presented at the 38th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, February 20th, Fort Wayne.
- 2009 BOSQUET, D., V. BEUGNIER, A. CHEVALIER, **M. GOLITKO**, & A. SALAVERT. Le Rubané de Hesbaye: apports des études récentes Poster presented at “Journée d'Archéologie wallonne,” December 13th-14th, Namur.
- 2009 **GOLITKO, M.** & J.E. TERRELL. Reconstructing social networks in the voyaging corridor: Chemical analysis of artifacts from the Sepik coast of New Guinea. Paper presented at the 19th conference of the Indo-Pacific Prehistory Association, November 29th-December 6th, Hanoi.
- 2009 DUSSUBIEUX, L., R. COX, **M. GOLITKO**, & P.R. WILLIAMS. ICP-MS with adaptable chamber laser: quantitative analysis of glass, metal and ceramic artifacts in the Museum environment. Paper presented at the Federation of Analytical Chemistry and Spectroscopy Societies 36th annual meeting, October 18th-22nd, Louisville.
- 2009 MEIERHOFF, J. ⁺, **M. GOLITKO**, & J. MORRIS⁺. Sourcing of obsidian from the ancient Maya farming village of Chan, Belize using portable XRF. Poster presented at the Archaeological Sciences of the Americas Symposium, October 2nd-4th, Tampa.
- 2009 **GOLITKO, M.**, D. BOSQUET, L.H. KEELEY, I. JADIN, & E. GOEMAERE. Chemical Analyses of Linienbandkeramik Ceramics and Clay Samples from the Hesbaye Region of Belgium by LA-ICP-MS. Poster presented at the third international conference of Geologica Belgica “Challenges for the Planet: Earth Sciences Perspectives,” September 14th-15th, Ghent.
- 2009 **GOLITKO, M.**, D. BOSQUET, L.H. KEELEY, I. JADIN, & E. GOEMAERE. LA-ICP-MS Analyses of early Neolithic (LBK culture) Ceramics and Clay samples from the Hesbaye region of Belgium. Poster presented at the 74th meeting of the Society for American Archaeology, April 22nd-26th, Atlanta.
- 2008 GOEMAERE, E., C. JUNGELS, **M. GOLITKO**, P. DEGRYSE, & J. SCHNEIDER. La fluorite utilisée au Paléolithique en Belgique: recherche des sources de la matière première. Paper presented at Geologica Belgica, FUNDP, October 17th, Brussels.
- 2008* **GOLITKO, M.** & L. DUSSUBIEUX. Obsidian Analysis at the Field Museum using an Innov-X Systems portable XRF. Paper presented at “Hand-held XRF in Museums: Applications and Quantification for Anthropology and Natural History Collections,” June 5th-6th, The Field Museum of Natural History, Chicago.
- 2008 SALAVERT, A., D. BOSQUET, & **M. GOLITKO**. Temps d'ouverture, rythmicité des rejets et chronologie relative : la complémentarité des analyses anthrologiques et céramiques pour appréhender la taphonomie des fosses rubanées. Paper presented at "Taphonomie des résidus organiques brûlés et structures de combustion en contexte archéologique," May 27th-29th, Cépam, Valbonne.
- 2007* **GOLITKO, M.**, J.E. TERRELL, L. DUSSUBIEUX, H. NEFF, & J.V. DUDGEON. Mapping Prehistoric Social Fields on the Sepik Coast of Papua New Guinea using LA-ICP-MS. Paper presented at the 7th meeting of the Lapita Archaeology Conference “Lapita Antecedents & Successors,” July 4th-7th, Honiara.

- 2007 **GOLITKO, M.**, D. BOSQUET, I. JADIN, & L.H. KEELEY. Chemical Characterization of Belgian Early Neolithic (LBK) Ceramics by LA-ICP-MS. Paper presented at the 72nd meeting of the Society for American Archaeology, April 25th-29th, Austin.
- 2006* BOSQUET, D., V. BEUGNIER, A. DEFGNÉE, F. DELIGNE, **M. GOLITKO**, I. JADIN, C. LAURENT, F. MARTIN, R.S. QUICK, & A. SALAVERT. Une phase pionnière à l'origine du peuplement de la Hesbaye au Néolithique ancien? Le cas des maisons isolées de Remicourt, Fexhe-le-Haut Clocher, Waremme et Darion. Paper presented at "Fin des Traditions Danubiennes dans le Néolithique du Bassin Parisien et de la Belgique (5100-4700 BC)," November 24th-25th, University of Namur, Namur.
- 2006 **GOLITKO, M.** & L.H. KEELEY. Linearbandkeramik enclosures: evidence of Fortification in the early Neolithic of central Europe. Paper presented at the 71st meeting of the Society for American Archaeology, April 26th-30th, San Juan.
- 2006 SHARRATT, N., P.R. WILLIAMS, D. NASH, R.J. SPEAKMAN, M.D. GLASCOCK, **M. GOLITKO**, & L. DUSSUBIEUX. Status and Specialized Production on Wari's Southern Frontier. Paper presented at the 71st meeting of the Society for American Archaeology, April 26th-30th, San Juan.
- 2006 SZYMCZAK, J., A. COOK, W. ISBELL, R.J. SPEAKMAN, P.R. WILLIAMS, **M. GOLITKO**, & L. DUSSUBIEUX. Wari Ceramic Production at Conchopata and Cerro Baul: Insights from Sourcing Studies. Paper presented at the 71st meeting of the Society for American Archaeology, April 26th-30th, San Juan.
- 2006 DUSSUBIEUX, L., **M. GOLITKO**, P.R. WILLIAMS, & R.J. SPEAKMAN. LA-ICP-MS Analysis Applied to the Characterization of Peruvian Wari Ceramics. Paper presented at the 2006 meeting of the American Chemical Society, March 26th-27th, Atlanta.
- 2005 QUICK, R.S., D. BOSQUET, L.H. KEELEY, I. JADIN, & **M.L. GOLITKO**. Prespectins magnétiques à large échelle sur le site rubané fortifié de Waremme-Longchamps. Poster presented at Contactgroep "Prehistorie," December 17th, Universiteit Ghent, Ghent.

CONFERENCE ORGANIZATION

- 2021-22 Society for American Archaeology Program Committee, 2021-22
- 2021 Organizer and co-chair, "Archaeometry of prehistoric and protohistoric stone, metal, ceramics and glass." Session held at the XIX UISPP World Congress, 2nd-7th September. (virtual meeting, co-organized with B. Török, A. Guimlia-Mair, and M. Krueger)
- 2019 Organizer and chair, "Coastal environments and oceanic settlement dynamics." Session held at the 9th Lapita Conference. 15th-18th October, Port Moresby (co-organized with J.E. Terrell).
- 2019 Chair, "Geoarchaeology: Global Case Studies, Part I," open session, 84th annual meeting of the Society for American Archaeology, 10th-14th April, Albuquerque.
- 2015 Scientific Advisory Committee, "Raw materials acquisition and processing in early Neolithic Pottery Productions," Workshop, May 29th-30th, University of Namur, Namur.
- 2015 Organizing Committee, User's Group for Mass Spectrometry and Chromatography (MaSC) 2015 workshop. May 17th-20th, Chicago.
- 2013 Organizer and chair, "You and what Army? Papers in honor of Lawrence H. Keeley." Session held at the 112th annual meeting of the American Anthropological Association, November 20th-24th, Chicago (co-organized with N.C. Kim and R.C. Oka).
- 2013 Organizer and participant, "Re-connecting the past: the future of social network analysis in archaeology." Forum held at the 78th annual meeting of the Society for American Archaeology, April 3rd-7th, Honolulu (co-organized with A.A.A. Mol).

INSTITUTIONAL SERVICE

- 2022-25 Notre Dame Faculty Affairs, Research, and Scholarship Committee
- 2022 Internal review of Notre Dame Fulbright Fellowship applications
- 2021 Reviewer, International Scholars Program, Kellogg Institute for International Studies
- 2020-22 Reviewer, Visiting Fellow applications, Kellogg Institute for International Studies

- 2020 Reviewer, Laura Shannon Prize in Contemporary European Studies, Notre Dame Nanovic Institute for European Studies
- 2020 Foik Award Committee, University of Notre Dame Libraries
- 2020-21 Chair, Notre Dame University Committee on Libraries
- 2019- Curriculum committee, Notre Dame Department of Anthropology
- 2019- Safety committee, Notre Dame Department of Anthropology
- 2019 Search committee, Director of the Notre Dame Center for Social Science Research
- 2019-21 Notre Dame Department of Anthropology speakers committee
- 2019 Foik Award Committee, University of Notre Dame Libraries
- 2018- Faculty Advisory Committee, Notre Dame Center for Social Science Research
- 2018-21 Notre Dame University Committee on Libraries
- 2018-19 Supervisor and co-coordinator, Notre Dame-Field Museum summer internship program
- 2014-15 Co-organizer, Field Museum “Integrating Dialogues in the Social Sciences” colloquium series
- 2012 Website redevelopment coordinator, Field Museum Department of Anthropology
- 2012 UIC Graduate Mentoring Award selection committee
- 2011 Coordinator, Field Museum Anthropology internship programs
- 2009 Graduate faculty representative, UIC Department of Anthropology
- 2007 UIC Peer facilitator (orientation of first time teaching assistants)
- 2004-06 UIC Department of Anthropology representative to the Graduate Employee Organization

PROFESSIONAL SERVICE AND ACTIVITY

- Reviewer for *Science Advances*, *Nature Reports*, *American Anthropologist*, *Current Anthropology*, *Proceedings of the National Academy of Sciences of the United States of America*, *PLoS One*, *Antiquity*, *American Antiquity*, *Journal of Archaeological Science*, *Archaeometry*, *Journal of Anthropological Archaeology*, *Journal of Archaeological Method and Theory*, *Economic Anthropology*, *Science of the Total Environment*, *Minerals*, *Cambridge Archaeological Journal*, *Journal of Field Archaeology*, *Journal of Island & Coastal Archaeology*, *Journal of Pacific Archaeology*, *Archaeology in Oceania*, *Journal of Archaeological Science: Reports*, *Advances in Archaeological Practice*, *Heritage Science*, *Southeastern Archaeology*, *Terra Australis*, *Geosciences*, *Microchemical Journal*, *Applied Sciences*, *Materials*, *Ceramics*, and *International Journal of Osteoarchaeology*
- Proposal reviewer for the United States National Science Foundation, the Marsden Fund (NZ), the Netherlands Organisation for Scientific Research (NWO), the Israel Science Foundation (ISF), the Narodowe Centrum Nauki (Polish National Science Center), the University of the Philippines, and the National Fellowship Committee for Graduate Women in Science (GWIS).
- Associate editor for lithic analysis and network analysis, *Society for Archaeological Sciences Bulletin*
- Series editor, *Explanations in the Social Sciences*, Berghahn Books
- Review editor, *Frontiers in Human Dynamics*, *Social Networks*
- Editorial advisory board, *Open Anthropological Research*
- Editorial board, *Papers of BAS: Humanities and Social Sciences* (Journal of the Bulgarian Academy of Sciences)
- Society for American Archaeology (SAA), member
- Union International des Sciences Préhistoriques et Protohistoriques (UISPP) Commission for Archaeometry, member
- Society for Archaeological Sciences (SAS), member
- International Association for Obsidian Studies (IAOS), member

METHODOLOGICAL SKILLS AND LANGUAGE PROFICIENCY

- Uni- and multivariate statistical methods (R, SPSS, SYSTAT)
- Geographic Information Systems (ArcGIS, QGIS, GRASS, R)
- Network analysis (R, UCINET, Gephi, Visone)

- ICP-MS and LA-ICP-MS, XRF, SEM-EDS, FTIR, Petrography
- Proficiency with Microsoft Office, Photoshop, KE EMu
- English: native speaker
- German: native speaker
- French: reading proficiency
- Dutch: reading proficiency
- Tok Pisin: basic understanding

References available upon request.