

# David P. Walton

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## EDUCATION

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- PhD in Archaeology, Boston University** 2017  
Dissertation: *The Production, Consumption, and Function of Stone Tools in Prehispanic Central Mexico: A Comparative Study of Households Spanning the Formative to Postclassic Period*
- BA in Archaeology, The College of Wooster** 2009  
Senior Thesis (honors): *Excavating Public Misconceptions: Old World and New World Archaeology and Bias in the Media*  
Junior Thesis (honors): *Archaeology and Public Communication*

## PROFESSIONAL APPOINTMENTS

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- Assistant Professor of Anthropology** 2020 - present  
*Department of Social Sciences* Lake-Sumter State College
- Instructor of Anthropology** 2015 - 2020  
*Department of Social Sciences* Lake-Sumter State College
- Instructor of Archaeology** 2014  
*Department of Archaeology* Boston University
- Lecturer** 2014  
*Mosul University Archaeology Program* Boston University
- Teaching Fellow** 2010  
*Department of Archaeology* Boston University

## TEACHING

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- Lake-Sumter State College**
- Introduction to Anthropology (ANT 2000) 2015 - present
  - Foundations for Success Seminar (SLS 1501) 2015 - present
  - Introduction to World Archaeology (ANT 2100) 2016 - present
  - Introduction to Geography (GEO 1000) 2019 - present
- Boston University**
- Great Discoveries in Archaeology (AR 100) 2010 & 2014
- The College of Wooster**
- Public Speaking (COMM 15200) (Teaching Assistant) 2008

## PROFESSIONAL AND COMMUNITY SERVICE

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### Public

Judge for the Lake County, FL Regional History Day Competition February 2019  
Judge for the Lake County, FL Regional Science Fair February 2019

### Academic

Peer Reviewer for *Latin American Antiquity* 2020  
Peer Reviewer for *Archaeometry* 2020  
Peer Reviewer for *Journal of Archaeological Science: Reports* 2019  
Peer Reviewer for *Lithic Technology* 2019

### Lake-Sumter State College

Chair of the Institutional Review Board 2019 - present  
Member of the Professional Development Workgroup 2020 - present  
Honors College Student Mentor 2020 - present  
Member of the Institutional Review Board 2018  
Faculty Advisor to the Humanities Preservation Society (student club) 2015 - 2018  
Member of the General Education Workgroup 2017  
Member of the Service Learning Committee 2016

### United Faculty of Florida, Lake-Sumter State College Union Chapter

Treasurer 2019 - present  
Bargaining Team 2019 - present

### Boston University

Graduate Student Public Education Committee 2011 - 2014  
Archaeology Day Activity Leader 2009 - 2014

### The College of Wooster

Vice President of the Student Archaeology Club 2008 - 2009  
Archaeology Day Organizer 2007 - 2009

## AWARDS

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Excellence in Scholarship, Lake-Sumter State College 2019

## LANGUAGE COMPETENCY

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English (native), Spanish (professional fluency), and French (reading knowledge)

## RESEARCH INTERESTS

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Mesoamerican & North American Archaeology, Economic Anthropology, Social Inequalities, Urbanism, Ritual Practices, and Anthropology in the Media

## PUBLICATIONS

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Walton, David P.

2021 Bloodletting in Ancient Central Mexico: Using Lithic Analyses to Detect Changes in Ritual Practices and Local Ontologies. *Journal of Archaeological Method and Theory* 28: 274–306. <https://doi.org/10.1007/s10816-020-09454-x>.

Walton, David P.

2020 The Household Functions of Obsidian Tools from the Early-Middle Formative Village of Altica, Mexico. *Ancient Mesoamerica*. <https://doi.org/10.1017/S095653612000005X>.

Walton, David P.

2019 An Experimental Program for Obsidian Use-Wear Analysis in Central Mexican Archaeology. *Journal of Archaeological Method and Theory* 26(3):895–942.

Walton, David P.

2017 Lithic Production and Consumption Patterns from the Great Platform at Late Postclassic Period (A.D. 1350-1525) Tzintzuntzan, Mexico. *The Journal of Field Archaeology* 42(2):97–114.

Walton, David P., and David M. Carballo

2016 The Domestic and Ritual Economies of Chipped-Stone Tools at La Laguna, Tlaxcala, Mexico. *Ancient Mesoamerica* 27(1):109–132.

Carballo, David M., Luis Barba, Agustín Ortíz, Jorge Blancas, Nicole Cingolani, Jorge Toledo Barrera, David Walton, Isabel Rodríguez López, and Lourdes Couoh

2014 Suprahousehold Consumption and Community Ritual at La Laguna, Mexico. *Antiquity* 88:141–159.

Walton, David P.

*Under Review*. Stone Tool Functions, Household Activities, and Formative Lithic Economies in Northern Tlaxcala, Mexico. *Ancient Mesoamerica*.

Walton, David P.

*In Preparation*. Aztec Domestic Lithic Economies: Views from Urban Otumba and Rural Cihuatecpan. *Latin American Antiquity*.

Walton, David P.

*In Preparation*. Patterns of Obsidian Tool Use in the Tlajinga District, Teotihuacan. *Journal of Field Archaeology*.

## DOCUMENTARY FILMS

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### Lead Contributor & Building Expert

2020 *Lost Pyramids of the Aztecs*, produced by Windfall Films, airing on the Science Channel (USA), Channel 4 (UK), and France 5.

## ACADEMIC BOOK REVIEWS

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Walton, David P.

2020 Experimental Archaeology: Making, Understanding, Story-telling. *Ethnoarchaeology* 12(2):154–156.

Walton, David P.

2017 Review of *Archaeology: Theories, Methods, and Practice (Seventh Edition)* by Colin Renfrew and Paul Bahn. Thames and Hudson, London.

## TECHNICAL REPORTS (SPANISH)

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Walton, David P.

2020 Análisis de lítica: Ofrenda D4. Manuscript on file at the Zona Arqueológica de Teotihuacán, INAH, México, D.F.:40 pages.

Walton, David P.

2019 *Resultados del análisis de huellas de uso con estereomicroscopía de alto aumento en las herramientas de obsidiana de Otumba*. Manuscript on file with Dartmouth College and the Teotihuacan Archaeological Research Center managed by Arizona State University, 1–52.

Walton, David P.

2019 Funciones de las herramientas de obsidiana de Altica. *El Proyecto Altica: Especialización Artesanal, Intercambio, y el Desarrollo de las Sociedades Complejas en el Centro de México*. Manuscript on file at the Consejo de Arqueológico, INAH, México, D.F.:247–286.

Hirth, Kenneth G., David P. Walton, and David M. Carballo

2015 Avances en el Análisis de la Lítica. *Proyecto Arqueológico Tlajinga, Teotihuacan: Temporada 2014-15*. Manuscript on file at the Zona Arqueológica de Teotihuacán, INAH, México, D.F.:140-150.

Walton, David P.

2014 *Un análisis de artefactos líticos de la décima temporada de excavaciones en Tzintzuntzan, México*. Manuscript on file at the Zona Arqueológica de Teotihuacán, INAH, México, D.F.: 59 pages.

Carballo, David M., David Walton, and Jason De León

2014 La Lítica. *Proyecto Investigaciones del Formativo y Preclásico en Apizaco, Tlaxcala*. Manuscript on file at the Consejo de Arqueológico, INAH, México, D.F.: 13 pages.

Carballo, David M., David Walton, Carl Anthony Smith, and Nicole Cingolini

2012 La Lítica. *Proyecto Arqueológico La Laguna, Tlaxcala, 2005-2012*. Manuscript on file at the Consejo de Arqueológico, INAH, México, D.F.:216-258.

Carballo, David M., Aleksander Borejsza, David Walton, Eric Young, and Cuauhtémoc Vidal Guzmán.

2011 Las excavaciones de 2010. *Proyecto Arqueológico La Laguna, Tlaxcala: Temporada 2010*. Manuscript on file at the Consejo de Arqueología, INAH, México, D.F.:24-118.

## ILLUSTRATION CREDITS

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Carballo, David M.

2016 *Urbanization and Religion in Ancient Central Mexico*. Oxford University Press, New York.

## CONFERENCE PAPERS & POSTERS

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**Society for American Archaeology (SAA) Annual Meeting (Albuquerque, NM)** April 2019  
*Obsidian Tool Functions at Early Formative Altica, Mexico*

**Theoretical Archaeology Group (TAG) Annual Meeting (Gainesville, FL)** May 2018  
*When Blades Became Bloodletters: Obsidian Tool Transformations and Residual Matters*

**Society for American Archaeology (SAA) Annual Meeting (Orlando, FL)** April 2016  
*Use-Wear Analysis and Obsidian Tool Functions Before and After Teotihuacan*

**Society for American Archaeology (SAA) Annual Meeting (San Francisco, CA)** April 2015  
*Lithic Production and Consumption at Tzintzuntzan, Mexico*

**Society for American Archaeology (SAA) Annual Meeting (Atlanta, GA)** April 2009  
*Lights, Camera, Action! The Media and Public Knowledge in New World Archaeology*

**Central States Archaeology Society Annual Meeting (Indianapolis, IN)** April 2008  
*Archaeology and Public Communication*

## RESEARCH GRANTS

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**Claire Garber Goodman Fund, Dartmouth College (\$9,831)** 2018 - 2019  
*Changing Technology & Functions of Stone Tools in the Teotihuacan Valley, Mexico over Three Millennia*

**Staff & Program Development Award, Lake-Sumter State College (\$2,202)** 2017  
*Obsidian Tool Experimentation and Use-Wear Analysis*

**National Science Foundation (BCS# 1533539) (\$13,671)** 2015 - 2016  
*Doctoral Dissertation Improvement Award: Traditional Household Production and Consumption*

**Graduate Research Abroad Fellowship, Boston University (\$3,050)** 2013  
*Stone Tool Production and Use in Ancient Mexican Political Capitals*

**Summer Research Grant, Latin American Studies, Boston University (\$1,500)** 2011  
*Stone Tool Analysis at La Laguna, Tlaxcala, Mexico*

## ARCHAEOLOGICAL RESEARCH PROJECTS

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**Co-Principal Investigator** 2018 - 2020  
*Changing Technology and Functions of Stone Tools in the Teotihuacan Valley, Mexico over Three Millennia*  
-Conducting high magnification use-wear analysis on the lithic artifacts excavated from the sites of Altica and Otumba through projects managed by Deborah Nichols, Department of Anthropology at Dartmouth College, and others.  
-Training a Dartmouth undergraduate student on lithic analyses.

- Lithic Analyst** 2019  
*Proyecto Complejo Plaza de las Columnas*  
*Director: Nawa Sugiyama, Department of Anthropology at University of California, Riverside*  
 -Completed technological and use-wear analyses of obsidian artifacts recovered from two dedicatory cache offerings in Structure 25C, a pyramid in the Plaza of the Columns at the ancient city of Teotihuacan.  
 -Identified ten specimens with blood residue to sample for chemical testing to determine each sample's corresponding genus-level source.
- Principal Investigator** 2017  
*Obsidian Tool Experimentation and Use-Wear Analysis*  
 -Conducted approximately 300 experiments with obsidian tools on 30 different types of materials to detect characteristics of respective use-wear patterns.  
 -Documented and photographed hundreds of locations with visible use-wear evidence on the surfaces of experimental obsidian tools using a high-power microscope.
- Co-Principal Investigator** 2015 - 2016  
*Doctoral Dissertation Improvement Award: Traditional Household Production and Consumption*  
 -Completed technological analyses of lithics recovered from excavations at Amomoloc, Tetel, Mesitas, La Laguna, Teotihuacan, and Cihuatecpan.  
 -Implemented a comprehensive research design for the diachronic comparison of stone tools from sites in prehispanic central Mexico.  
 -Subjected the largest sample of stone tools to date in central Mexican archaeology to high magnification use-wear analysis.  
 -Completed over 200 technical illustrations of lithic artifacts.
- Co-Principal Investigator** 2013  
*Stone Tool Production and Use in Ancient Mexican Political Capitals*  
 -Completed analyses of lithics recovered from the Teotihuacan Mapping Project's surface survey collections for the Tlajinga Barrio and from the tenth season of excavations at Tzintzuntzan led by Mexico's Instituto Nacional de Antropología e Historia (INAH).  
 -Completed over 140 technical illustrations of lithic artifacts.
- Field Archaeologist & Lithic Analyst** 2013  
*Proyecto Arqueológico Tlajinga Teotihuacán (PATT)*  
*Director: David M. Carballo, Department of Archaeology at Boston University*  
 -Excavated an apartment compound along the Street of the Dead.  
 -Worked with Kenneth G. Hirth, Department of Anthropology at Pennsylvania State University, to develop a lithic typology for Tlajinga 17's obsidian workshop.  
 -Analyzed stone tools from the obsidian workshop.
- Ceramic Artifact Analyst & Lithic Analyst** 2011  
*Proyecto Arqueológico La Laguna (PALL)*  
*Director: David M. Carballo, Department of Archaeology at Boston University*  
 -Analyzed over 50,000 stone tools (mostly obsidian blades and production debris).  
 -Compiled the master stone tool database for La Laguna.  
 -Completed over 50 technical illustrations of lithic artifacts.  
 -Analyzed and created a typology for La Laguna's secondary ceramic artifacts.

- Field Archaeologist** 2010  
*Proyecto Arqueológico La Laguna (PALL)*  
 Director: David M. Carballo, Department of Archaeology at Boston University
- Directed excavations of a communal structure/residence with evidence of public ritual and suprahousehold food production.
  - Participated in excavations of two major monuments (pyramids/temples).
  - Completed lithics drawings for ceremonial/ritual eccentrics.
  - Constructed stratigraphic profiles and plan view drawings with Adobe Illustrator.
- Archaeological Field Survey Director** 2008  
*Agricultural Field Surveys in Wayne County, The College of Wooster*
- Conducted systematic prehistoric and historic site survey and GIS construction.
  - Identified sites for future excavations.
- Cultural Resource Management Project Leader** 2008  
*First Baptist Church Nomination, Wooster, Ohio*
- Completed architectural analysis.
  - Completed nomination forms for the National Register of Historic Places.
- Field Archaeologist** 2007  
*Johnson's Island Civil War Prison Site*  
 Director: David Bush, Center for Historic & Military Archaeology at Heidelberg University
- Conducted excavations in Block 6, the prison's hospital, and documented features such as occupation floors and latrine deposits.
  - Created updates and submitted reports to the Archaeological Institute of America's Interactive Dig website.
  - Transcribed historical letters written by prisoners at Johnson's Island.
- Field Archaeologist** 2005 - 2009  
*Rockshelter Excavations in the Killbuck Valley, Northeastern Ohio*  
 Directors: Nigel Brush, Department of Geology at Ashland University, and P. Nick Kardulias, Department of Archaeology at The College of Wooster
- Conducted Archaic and Woodland period rockshelter excavations.
  - Conducted experimental stone tool making exercises and microwear analysis.

## INVITED PRESENTATIONS

- Lecture for the Department of Anthropology, University of Nevada Las Vegas** May 2019  
*Lithic Use-Wear Analyses & Identifications of Household Practices from the Mundane to the Sacred in Ancient Central Mexico*
- Staff Training Day Seminars, Lake-Sumter State College** August 2018 & 2019  
*Human Evolution and Kinesthetic Learning*
- Staff Training Day Seminars, Lake-Sumter State College** August 2017  
*Experimental Archaeology and Use-Wear Analysis*
- Middle School Presentation, Spring Creek Charter School** October 2017  
*What is Archaeology?*