

# Alex J. Nyers, M.A.

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## **Present Positions**

Owner, Northwest Archaeometrics (2015 – Present)  
*Northwest Archaeometrics*, <http://nwarchaeo.com>

Project Lead, Archie (2010 - Present)  
*Archaeological Database Software*, <http://archiedb.com>

## **Previous Positions**

Faculty Research Assistant, Pacific Slope Archaeology Laboratory (2013 – Summer 2015)  
*Department of Anthropology, Oregon State University*

Lab Manager, Pacific Slope Archaeology Laboratory (2013 – Summer 2015)  
*Department of Anthropology, Oregon State University*

Graduate Student, Pacific Slope Archaeology Laboratory (2007-2013)  
*Department of Anthropology, Oregon State University*

Archaeology Field Technician (Summer 2009, 2010)  
*Applied Earthworks, Inc.*

Student Intern, King Island Placename Project (2008-2011)  
*Department of Anthropology, Oregon State University*

Student Laboratory Research Assistant, TRIGA Research Reactor (2007-2009)  
*Department of Anthropology, Oregon State University*

Geo-Archaeological Field Technician (Summer 2006)  
*Department of Anthropology, Oregon State University*

## **Research Interests**

I am interested in first peopling of the new world with an emphasis on the Columbia River Plateau, geospatial modeling, archaeometric analyses, computational archaeology, neutron activation analysis, x-ray fluorescence, and crypto-crystalline silicates. I am also interested in the development of open source tools to solve complex problems within the social sciences as well as 3D scanning, printing, and morphometric analyses.

## **Education**

### **Oregon State University**

M.A., 'Applied Anthropology', 2013

Thesis: "A Provenance Study of Crypto-Crystalline Silicates at the Cooper's Ferry Site: A Geochemical Approach", Loren Davis, Advisor

B.S., Anthropology, 2007

## **Teaching Experience**

Teaching Assistant, OSU Archaeology Field School (2007, 2011, 2013, 2014)

## **Publications**

Loren G. Davis, Alex J. Nyers, Samuel C. Willis

Context, Provenance and Technology of a Western Stemmed Tradition Artifact Cache from the Cooper's Ferry Site, Idaho. In *American Antiquity* 79(4):596-S17.

Loren G. Davis, Daniel Bean, Alex J. Nyers, David Brauner

GLiMR: A GIS-Based Method for the Geometric Morphometric Analysis of Artifacts. In *Lithic Technology* (2015) 199-217.

## **Manuscripts in Preparation**

Alex J. Nyers., Karl Vollmer, Loren G. Davis.

Archie - A New Method for the Recordation of Archaeological Field Data. Manuscript in preparation for *Journal of Archaeological Method and Theory*.

Davis, Loren G., and Alex J. Nyers

A Method for Capturing and Integrating 3D Scans of Cultural Features and Stratigraphic Records in Geoarchaeological Research. Manuscript in preparation for *Geoarchaeology*.

Davis, Loren G., Alex J. Nyers

A New Western Stemmed Tradition Projectile Point Cache from the Cooper's Ferry Site. Manuscript in preparation for *North American Archaeologist*.

Davis, Loren G., Samuel C. Willis and Alex J. Nyers

Reconstructing the Operational Sequence of Western Stemmed Tradition Lithic Technology at the Cooper's Ferry Site, Idaho. Manuscript in preparation for the *Journal of Archaeological Science*.

## **Conference Presentations:**

Nyers, Alex

2015 Archie – An Online Open Source Archaeological Inventory System.

Paper presented at Society for American Archaeology Annual Meeting, San Francisco, California.

Saban, Chantel, Karl Vollmer, Alex Nyers

2015 Archie Field Data Recording: Increasing Site Recording Accuracy & Efficiency.

Paper presented at the Northwest Anthropological Conference, Eugene Oregon.

Davis, Loren G., Alex J. Nyers, Jason R. Henry and Dennis L. Jenkins

2012 Three Dimensional Digitization of Paisley Caves Lithic Artifacts: Potential Avenues for Demonstration, Analysis of Lithic Technologies, and Replica Production. Paper presented at the Great Basin Anthropological Conference, Stateline, Nevada.

Davis, Loren G., Steven A. Jenevein and Alex J. Nyers

2012 Modeling the Archaeological Potential of Late Pleistocene-Aged Submerged Landscapes Along the Contiguous US Pacific Coastline: Preliminary Results. Paper presented at the Geological Society of America meeting, Charlotte, North Carolina.

Davis, Loren G., Samuel C. Willis and Alex J. Nyers

2012 Does a "Levallois-Like" Lithic Technology Pattern Exist at the Cooper's Ferry Site? Paper presented at the Northwest Anthropological Conference, Pendleton, Oregon.

Davis, Loren G., Samuel C. Willis, Alex J. Nyers and Jason R. Henry

2012 Instrumental, Technological, and Geoarchaeological Analysis of the Cooper's Ferry Equipment Cache. Paper presented at the Northwest Anthropological Conference, Pendleton, Oregon.

Davis, Loren G., Justin A. Holcomb, Alex J. Nyers, Jason R. Henry, and Alejandra P. Jimenez

2012 Deconstructing and Interpreting Archaeological Features at the Cooper's Ferry site. Paper presented at the Northwest Anthropological Conference, Pendleton, Oregon.

Nyers, Alex J., Deanna Kingston

2011 Data management in the King Island, Alaska Place Names Project.

Paper presented at the Seventh International Congress of Arctic Social Sciences, Akureyri, Iceland.

Davis, Loren G., Alex J. Nyers, Celeste N. Henrickson, and Shane J. MacFarlan

2009 Geochemical Solutions for Geoarchaeological Problems in the Lower Salmon River Canyon, Idaho. Invited paper presented at the Geological Society of America meeting, Portland, Oregon.

Nyers, Alex J.

2009 A Chert Provenance Study in the Lower Salmon River Canyon of Western Idaho. Paper presented at the Northwest Anthropological Conference, Pendleton, Oregon.

### **Posters Presented**

Nyers, Alex J., Karl Vollmer

2014 Archie – The development and Implementation of an Open Source Archaeological Database System. Poster presented at the Society for American Archaeology, Austin Texas.

Nyers, Alex J. and Holcomb, Justin A.

2013 Digital Recordation, Analysis, Distribution, and Replication of Archaeological Artifacts. Poster presented at the Northwest Anthropological Conference, Portland, Oregon.

Nyers, Alex J. and Loren G. Davis

2012 Establishing Early Chert Use with PXRf: A Case Study from the Cooper's Ferry Site.

Poster presented at the Society for American Archaeology conference, Memphis, Tennessee.