**Brooks Ann Lawler**

P.O. Box 751904

Fairbanks, Alaska 99775

# Research Interests

Arctic archaeology – interior and arctic Alaska, circumpolar region, Late Pleistocene and Early Holocene time periods, peopling of North America, Human Behavioral Ecology, prehistoric human mobility, landscape and environmental archaeology, geoarchaeology, geospatial analysis.

# Education

University of Alaska Fairbanks Fairbanks, AK *MA Anthropology, concentration in Archaeology* (4.0) Fall 2016 - present

James Madison University Harrisonburg, VA

BS Anthropology, concentration in Archaeology, Spanish minor (4.0) Fall 2014 – Spring 2016

Honors Thesis: *Preliminary Insights into Prehistoric Toolstone Preference of Two Igneous Materials in the Tanana River Drainage, Interior Alaska*

Relevant coursework: ANTH 410

 University of Alaska Fairbanks Fairbanks, AK

Anthropology major with a concentration in Archaeology, Spanish minor (4.0) Fall 2013 – Spring 2014

Relevant coursework: ANTH

Northwestern University Evanston, IL

Anthropology major with a concentration in Archaeology, Spanish minor (3.5+) Fall 2011 – Spring 2013

**Relevant Coursework**

ANTH 692 GIS in Archaeology

ANTH 629 Structures of the Anthropological Argument

ANTH 624 Analytical Techniques

ANTH 652 Research Design and Professional Development

ANTH 653 Current Perspectives in Cultural Resource Management

GEOS 600 Intro to X-ray Spectrometry

 GEOS 600 Intro to X-ray Spectrometry Dr. Ken Severin Spring ‘17

# Archaeological Experience

Archaeological Field Technician Interior, AK

*Center For Environmental Management of Military Lands (CSU), Dr. Julie Esdale* Summer 2016

* Cultural resource management, site excavation and preservation, site determination of eligibility

Archaeological Field Technician Interior, AK

University of Alaska, Museum of the North, Sam Coffman Summer 2015

* Historic site excavation and cultural camp for high school students, Talkeetna AK
* Prehistoric site excavation and cultural camp for secondary education teachers, Teklanika West, Denali National Park, AK
* Both excavations were organized and carried out with cooperation of the National Park Service

Archaeological Field Technician AK

University of Alaska, Museum of the North, Sam Coffman Summer 2015

* Data collection for honors senior thesis project in Denali and Wrangell St. Elias National Parks, and Sugarloaf Mountain
* Survey for rhyolite toolstone sources, raw material testing and collection, map and GPS navigation, pXRF analysis of rhyolite samples, assisted in report writing process

**Archaeology Field Assistant (Student)** Trapper Creek, AK

*Adelphi University, Trapper Creek Overlook Field School,* Summer 2015

*Dr. Brian Wygal & Dr. Kathryn Krasinski*

* Site excavation, soil profiling, survey and site mapping, basic total station operation, compass and GPS navigation

Archaeology Lab Assistant (Volunteer) Harrisonburg, VA

James Madison University Archaeology Lab, supervisor: Dr. Dennis Blanton Spring 2015

* Lithic analysis: sorting chert artifacts into categories based on weathering and thermal alternation

Archaeology Field Technician Palmer, AK

*Matanuska Susitna Borough,* supervisor: *Fran Seager Boss* Summer 2013 (Volunteer)

Summer 2014 (Employed)

* Participated in site excavation and mapping in Big Lake, AK; responsibilities also included survey, site mapping and documentation in the MatSu Borough
* Responsible for understanding state BLM maps, and federal and state laws regarding cultural resource management, assisted in report writing process
* Community outreach, teaching elementary and middle school students about archaeology in the MatSu Borough during archaeology day for the Knik Tribal Council cultural camp
* Primary coordinator for the KABATA Project - Relocating and confirming the condition of archaeological sites identified in the Mat-Su Valley prior to 1980. Involved: working in a team environment, contacting property owners for permission to locate archaeological sites on their property; then mapping, and photographing, the sites
* Cottonwood Creek Project – locating prehistoric cache and house features utilizing lidar maps and survey, GPS mapping, measuring, and photographic features, test unit excavation within features for datable material. The project is intended to put the site on the National Register of Historic Places.

**Archaeology Lab Assistant (Volunteer)** Fairbanks, AK

*University of Alaska Archaeology Lab, Dr. Ben A. Potter, Dr. Holly McKinney* Spring 2014

* Organizing artifacts collected from the 2012 and 2013 field seasons at the Meade Site, Interior AK to prepare them for analysis

**Archaeology Lab Assistant (Volunteer)** Fairbanks, AK

*University of Alaska, Museum of the North, Archaeology Lab, Sam Coffman* Fall 2013 – Spring 2014

* Re-housing artifacts from the Museum of the North collections to make them accessible for analysis

**Archaeology Lab Assistant** Evanston, IL

*Northwestern University Archaeology Lab, Santiago Juarez* Winter and Spring 2013

* Sorting micro-artifacts from the Noh K’uh Site in southern Mexico
* Photographing use-ware on obsidian blades using a microscope

# Research Projects

**Master’s Thesis -** Prehistoric Raw Material Procurement Fairbanks, AK and Land-use Strategies, Landmark Gap, Alaska Fall 2016 - ongoing

*University of Alaska Fairbanks, Faculty Advisory – Dr. Ben Potter and Dr. Joshua Reuther*

**Honors Thesis -** Preliminary Insights into Prehistoric Harrisonburg, VA Toolstone Preference of Two Igneous Materials in the Spring 2015 – Spring 2017 Tanana River Drainage, Interior Alaska

*James Madison University, Faculty Advisor – Dr. Julie Solometo*

* Comparing the use of prehistoric obsidian and rhyolite technology by examining the geographic relationship between the site assemblages and the raw material source locations; applying Human Behavioral Ecology theoretical framework

**Independent Study** – Historic Harrisonburg, Zook Site Report Harrisonburg, VAWinter 2016 – Spring 2017 *James Madison University, Faculty Advisor – Dr. Dennis Blanton*

* Converting raw field data into electronic formats ranging from spreadsheets to summary tables and graphs, creating maps and other related imagery to include in final technical report, completion of a technical report in accordance with expectations of the CRM industry. Assimilation, interpretation, and presentation of raw data, evaluation of an archaeological resource in terms of the NRHP Section 106 and National Register of Historic Places Criteria.

**GIS Independent Project -** Alaskan Rhyolite Stone Tool Harrisonburg, VA Manufacture: Signs of Efficiency, Cost PathFall 2014 Analysis of Rhyolite Artifacts

* Utilizing a human behavioral ecology approach the project analyzed the cost of transport of raw material away from three rhyolite sources using GIS to examine high vs. low cost distribution of different technology (microblade/bifacial) as well as the distribution of debitage.

# Presentations

**GIS Independent Project Poster –** Lithic Source Provenance Analysis: Anchorage, AK Cost Path Analysis of Rhyolitic Artifacts from Interior, Alaska Spring 2015 coauthored by Sam Coffman

*Alaska Anthropological Association Conference, presented by Sam Coffman*

**Research presentation** - Locating a the Raw Material Source for Alaskan Dayton, VA Prehistoric Hunter-Gatherer Stone Tools Spring 2015 *Archaeological Society of Virginia*

**Research presentation: Honors Senior Thesis** - Preliminary Insights into Prehistoric Toolstone Preference of Two Igneous Materials in the Tanana River Drainage, Interior Alaska

*James Madison University, Sociology and Anthropology Research Symposium*  Harrisonburg, VA Spring 2016

*Archaeological Society of Virginia* Dayton, VA Spring 2016

# Awards

**Archaeological Society of Virginia** Dayton, VA *Honors Thesis Summer Research*  - $300 Spring 2015

# Service to the Department

**Candidate Search Committee Student Representative** Fall 2015 – Spring 2016 *Department of Sociology and Anthropology, James Madison University*

Participated in the entire process of hiring a new archaeology professor from evaluating applications to the final hiring decision.

# RElevant Skills

ArcGIS: ArcMap10.x (Spatial Analyst extension), pXRF analysis, MS Office Excel data organization and investigation, IBM SPSS, various Garmin GPS products, basic knowledge of Trimble total stations, compass navigation, topographic and lidar map navigation, interior Alaskan cache and house pit/site identification, archaeological survey, site excavation and mapping, soil profiling, basic lithic identification, communication with community and private property owners about archaeological sites, working in a team environment, teaching basic archaeology topics to children in the community, bear safety training, proficient in Spanish

# Additional ACTIVITIES AND HONORS

NCAA Academic All-American Second Team 2016 CAA Scholar-Athlete of the Year – James Madison University 2016 NCAA D1 Lacrosse – James Madison University 2014 – 2016 Spanish Practicum – teaching Spanish in a duel language program secondary education school in Harrisonburg, VA Spring 2016 CAA Commissioner’s Academic Award 2015 President’s List James Madison University Fall 2014 – Spring 2015 ACHA Hockey – University of Alaska Fairbanks 2013 – 2014 NCAA D1 Lacrosse – Northwestern University 2011 – 2013 Academic All Big Ten 2013 Dean’s List Northwestern University Fall 2011 – Spring 2013

# References

Name: Dr. Ben A. Potter Employer: Department of Anthropology – University of Alaska Fairbanks Title: Chair & Associate Professor of Anthropology Phone Number: 907-474-7567 Email Address: bapotter@alaska.edu

Name: Dr. Julie Solometo Employer: Department of Sociology and Anthropology – James Madison University Title: Associate Professor of Anthropology Phone Number: 540-568-6981 Email Address: solomejp@jmu.edu

Name: Dr. Kathryn Krasinski Employer: Department of Sociology and Anthropology – Fordham University Title: Adjunct Professor of Anthropology Phone Number: 718-817-2936 Email Address: kkrasinski@fordham.edu

Name: Sam Coffman MA Employer: University of Alaska Fairbanks, Museum of the North Title: Research Archaeologist/GIS Coordinator Phone Number: 907-474-6819 Email Address: sccoffman@alaska.edu