

## **Matthew A. Stirn**

Director, Youth Education and Community Outreach

Director, Jackson Hole Archaeological Initiative

Jackson Hole Historical Society and Museum

Jackson, Wyoming

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### Education:

2014: MSc Environmental Archaeology, University of Sheffield, Sheffield, England. Graduated with distinction.

2011: B.A. Departments of Classics & Anthropology, Davidson College

### Research Interests:

Mountain and High-Altitude Archaeology, Landscape Adaptations, Great Basin / Intermountain Archaeology, Aegean Archaeology, Environmental Archaeology, Community Heritage and Public Outreach

### Lab and Specialty Skills:

GIS, Curation/Collections Organization, Archaeobotany, Palynology, Archaeological Photography, Archaeological Drawing, Field and Expedition Logistics

### Grant and Academic Awards:

2014 – *University of Wyoming – National Park Research Station Grant*, \$5,000, authored with Rebecca Sgouros, for the Teton Archaeological Project.

- 2014 – *Frisson Institute Alpine Archaeology Grant*, \$2,500, authored with Rebecca Sgouros, for developing an online alpine archaeology database and for continuing high-elevation research in Grand Teton National Park.
- 2012 – *University of Sheffield USA Student Scholarship*, \$1,560
- 2011 – *University of Wyoming – National Park Service Research Station Grant*, \$4,000, authored with Richard Adams, for continuing archaeological research in the Teton Range: Alaska & Moose Basins, Grand Teton National Park, Wyoming [did not complete due to poor weather conditions]
- 2010 – *The Explorer’s Club Youth Activity Fund Grant*, \$2,500, for ground truthing GIS predictive model, locating undiscovered prehistoric alpine villages, and surveying in the Wind River Range, Wyoming
- 2010 – *Davidson College Abernethy Research Grant*, \$4,750, for ground truthing GIS predictive model, locating undiscovered prehistoric alpine villages, and surveying in the Wind River Range, Wyoming
- 2007 – *United States Senate Youth Scholarship*, \$5,000, included a 1 week paid trip to Washington D.C.
- 2007 – *AXA Achievement Scholarship*, \$10,000

Professional Experience:

- July 2013            **Archaeobotanist**, Vagnari Excavations, Puglia, Italy, PI: Maureen Carroll
- Feb. – May 2012 **Archaeologist**, Aguacate Community Archaeological Project, Toledo District, Belize, PI: Dr. Patricia Mcanany & Claire Novotny
- August 2011        **Field Director**, Shale Mountain Project, Wind River Range, Wyoming
- July 2011            **Participant**, Second Annual Alpine Archaeological Summit, White Mountains, California
- June 2011            **Field Director**, Caldwell Basin Archaeological Project, Absaroka Mountains, Wyoming
- May-June 2011     **Archaeological Consultant**, Hirundo Wildlife Refuge, Old Town, Maine
- August 2010        **Field Director**, Burro Flat Archaeological Survey, Wind River Range, Wyoming

- July 2010      **Co-PI**, Inkwells Archaeological Project, Wind River Range, Wyoming
- July 2010      **Participant**, First Annual Alpine Archaeological Summit, High Rise Village Site, Wind River Range, Wyoming
- May – Aug. 2010 **Archaeological Technician**, Game Creek Site, Office of the Wyoming State Archaeologist, Wyoming, PI: Michael Page
- May 2010      **Excavation Director/Crew Chief**, High Rise Village Site, Wind River Range, Wyoming
- Summer 2009   **Field Intern**, Excavations at High Rise Village and Burnt Wickiup Sites, Wind River Range, Wyoming, PI: Dr. Richard Adams
- Summer 2008   **Volunteer**, Excavations at High Rise Village Site, Wind River Range, Wyoming, PI: Dr. Richard Adams
- Spring 2006    **Field Intern**, Black Sea deep-water archaeological survey, aboard *R/V Endeavor*, Turkey and Ukraine, PI: Drs. Robert Ballard & Dwight Coleman

Lab, Museum, & Misc. Experience

- Winter 2014    **Volunteer Curator**, Jackson Hole Historical Society and Museum
- Summer 2013    **Archaeological Photographer**, Paliambela Excavations, Greece, PI: Paul Halstead & Valasia Issakidou
- 2012 – 2013    **Archaeobotanical Analyst (Dissertation Research)**, Archaeobotany of Bronze Age Alalakh, University of Sheffield Archaeobotany Lab. Supervisors: Glynis Jones & Mike Charles
- 2012 – present **Project Director/Advisory Board Member**, Jackson Hole Historical Society Museum, Planning and Constructing New Museum of Archaeology, Jackson, WY
- 2011 – present **Committee Member**, Alpine Archaeological Research Fund, George C. Frison Institute of Archaeology, University of Wyoming
- 2010 – present **Organizer/Participant**, Annual Alpine Archaeological Research Summit
- 2010 – 2012    **Archaeological Photographer**, British School at Athens Museum, Athens, Greece
- Winter 2009    **Archaeological Consultant**, UNCC Vision Lab, Charlotte, North Carolina

### Teaching Experience:

- Feb. 2014      **Public Lecture**, ‘*Archaeology Unearthed*’ Jackson Hole Museum, WY
- Jan. 2014      **Public Lecture**, ‘*High Altitude Archaeology in the Mountains of Wyoming*’ Sublette County Library, Pinedale, WY
- Jan. 2013      **Public Lecture**, ‘*High Altitude Archaeology in the Mountains of Wyoming*’ Jackson Hole History Museum, Jackson, WY
- Summer 2012    **Instructor**, Colorado State University Archaeological Field School
- August 2011    **Public Lecture**, ‘*First Ascent? Prehistoric Mountaineers in the Wind River Range*’ Dubois Museum, Dubois, WY
- Summer 2010    **Instructor**, Utah State University Archaeological Field School

### Other Work Experience:

- 2004 – 2011    **Mountain Guide**, Exum Mountain Guides, Grand Teton National Park
- 2006 – 2007    **Intern**, Alpinist Magazine, Jackson Hole, Wyoming

### Misc. Professional Services:

Guest Editor, *The SAA Archaeological Record*

### Publications:

- 2014 – **Stirn, M.** ‘Modeling Site Location Patterns Amongst Late-Prehistoric Villages in the Wind River Mountains, Wyoming’ *Journal of Archaeological Science*, 41: 523-532.
- 2014 – **Stirn, M (ed.)** ‘Mountain and High-Altitude Archaeology’ Special issue of the *SAA Archaeological Record*, 14(2).
- 2014 – **Stirn, M.** ‘Why All the Way Up There? Mountain and High-Altitude Archaeology’ *SAA Archaeological Record*, 14(2): 7-10.

- 2014 – Adams, R., Taylor, T., Taylor, M., Lund, J., Schroeder, B., Koenig, O., and **Stirn, M.** ‘Untrammled by Man: Wilderness Archaeology in Wyoming’ *SAA Archaeological Record*, 14(2): 11-14.
- 2013 – **Stirn, M.** ‘Are the Grains All-Alakh? An Archaeobotanical Exploration of Agricultural Practices and Transitions at Bronze Age Alalakh (Tell-Atchana)’ Master’s Dissertation at the University of Sheffield, United Kingdom.

### Publications in Progress:

- In Review* – **Stirn, M.** ‘Considering High Altitudes Within the Numic Debate’ in *Current Research and Future Directions in Numic Archaeology: Ethnohistory, and Ethnography in the Rocky Mountains, Colorado Plateau, Great Basin, and Southwest*, ed. Robert Brunswig. University of Colorado Press
- In Review* – **Stirn, M.** Schroeder, B. & Adams, R. ‘Mountain Misconceptions: Why Wyoming’s Prehistoric High-Altitude Occupations are Important.’ Papers in Honor of James Benedict, *The Plains Anthropologist*.

### Narrowly Circulated Publications and Technical Reports:

- 2014 – **Stirn, M.** ‘*Results of the 2013 Archaeobotanical Sampling, Vagnari vicus, Puglia, Italy.*’ Report prepared for Dr. Maureen Carroll, University of Sheffield.
- 2013 – **Stirn, M.** ‘*An Archaeobotanical Analysis of Hearth-1, Lodge-27, 48AB301, The Shirley Basin Site, WY.*’ Report prepared for Bryon Schroeder, University of Montana.
- 2012 – **Stirn, M** & Adams, R. ‘*The Inkwells Archaeological Project, 2010*’ Report prepared for the Shoshone National Forest and Wyoming State Historical Preservation Office.
- 2011 – **Stirn, M.** ‘*Wind River Range Predictive Modeling: 2010 Ground Truthing Sessions*’. Report prepared for the Explorer’s Club, New York, NY.  
[www.explorers.org/pdf/Matthew\\_A.\\_Stirn\\_YAF\\_2010\\_Report-1.pdf](http://www.explorers.org/pdf/Matthew_A._Stirn_YAF_2010_Report-1.pdf)
- 2010 – Adams, R. & **Stirn, M.** ‘*The Shane Grove Structure, Site 48FR6811, Shoshone National Forest, Fremont County, Wyoming*’. Report prepared by the Office of the Wyoming State Archaeologist for the Shoshone National Forest

2010 – Adams, R. **Stirn, M.** Schroeder, B. & Koenig, O. ‘*Future Considerations for Archaeology at Altitude*’. Paper prepared for the National Science Foundation’s report on emerging fields within behavioral and social sciences.

### Professional Papers and Posters Presented:

2011– **Stirn, M.** ‘*Groundstone Use at High-Altitude Archaic Sites in the Wind River Range, Wyoming*’ Poster presented at Davidson College’s Social Science Poster Fair

2011 – **Stirn, M.** ‘*Alpine Estates: A GIS Predictive Model in Wyoming’s Wind River Range*’ Paper presented at the 76<sup>th</sup> Society for American Archaeology Meeting

2011 – **Stirn, M.** ‘*Freedom of the Hills: Prehistoric Mountain Adaptation and the Numic Debate*’ Paper presented at the 46<sup>th</sup> Southern Anthropological Society Meeting  
Session Chair: ‘*Archaeology: Lithics & Taxonomies*’

2010 – **Stirn, M.** ‘*Alpine Estates: A GIS Predictive Model in Wyoming’s Wind River Range*’ Poster presented at Sigma Xi Annual Meeting, Raleigh, North Carolina

2010 – **Stirn, M.** ‘*Alpine Estates: A GIS Predictive Model in Wyoming’s Wind River Range*’ Poster presented at Davidson College’s Social Science Poster Fair

2010 – **Stirn, M.** ‘*Alpine Estates: A GIS Predictive Model in Wyoming’s Wind River Range*’. Paper presented at the 32<sup>nd</sup> Great Basin Anthropological Conference

2010 – Adams, R. Koenig, O. Schroeder, B. & **Stirn, M.** ‘*Prehistoric Alpine Villages in the Wind River Range, Wyoming*’. Paper presented at the 32<sup>nd</sup> Great Basin Anthropological Conference

### Professional Affiliations:

Advisory Council, Jackson Hole Historical Society & Museum – 2013 to present

Wyoming Association of Professional Archaeologists – 2013 to present

American Institute of Archaeology – 2011 to present

Sigma Xi Research Society – 2010 to present

Society for American Archaeology – 2010 to present

Member, British School at Athens– 2011 to 2013

Southern Anthropological Society – 2010 to 2012