

## Heather M. Rockwell

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Department of Cultural, Environmental and Global Studies  
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### Academic and Professional Interests

Hunters-gatherer studies, historic preservation, lithic analysis, public archaeology, prehistoric archaeology, microwear analysis, quantitative methods, computer simulation, geographic information systems, New World Colonization, spatial analysis, human behavioral ecology, materiality.

### Professional Appointments

2020-Present	Assistant Professor	Salve Regina University
2019-2020	Deputy State Historic Preservation Officer	State of Wyoming
2015-2020	Adjunct Faculty	University of Wyoming
2018-2019	Teaching Lecturer	Plymouth State University
2018-2019	Adjunct Faculty	Great Bay Community College
2016-2018	Geographic Information Specialist	State of Wyoming
2015-2017	Seasonal Park Archaeologist	National Parks Service
2012-2014	Lecturer	University of Wyoming

### Education

- 2014 PhD. University of Wyoming, Department of Anthropology.  
Dissertation Title: A Functionalist Approach to the Design of Mobile Toolkits:  
Case Studies from New England and the Canadian Maritimes  
Defended: April 14, 2014  
Committee: Nicole Waguespack, Todd Surovell, Robert Kelly, Melissa Murphy,  
Stephen Prager.
- 2010 M.A., Anthropology, University of Tulsa Graduate College  
Thesis: Use-Wear Analysis of the Potter Site: A Paleoindian Site in New  
Hampshire  
Committee: George Odell, Michael Whalen and Richard Boisvert
- 2008 B.A. in Anthropology, Beloit College, Beloit WI  
Senior Project: A Re-Examination of the Abri Cellier Collection  
Advisors: Daniel Shea and William Green

### Publications

#### Peer-Reviewed Scholarly Articles

Kitchel, N. R., **Rockwell, H. M.**, & Barker, A.

2020 Red Chert Quarries in the Munsungun Lake Formation: Moving beyond Norway  
Bluff. *PaleoAmerica*, 6(2), 169-180.

Mackie, M.E., Surovell, T.A., O'Brien, M., Kelly, R.L., Pelton, S., Haynes, C.V., Frison, G.C., Yohe, R.M.,  
Teteak, S., **Rockwell, H.M.** and Mahan, S.,

2020 Confirming a Cultural Association at the La Prele Mammoth Site (48CO1401), Converse County, Wyoming. *American Antiquity*, 85(3), pp.554-572.

**Rockwell, H. M.**

2017 Microwear Analysis of Debitage and Its Ability to Alter Functional Interpretations. *Archaeology of Eastern North America* 45: 161-173.

Strauss, A., Oliveira, R. E., Villagran, X. S., Bernardo, D. V., Salazar-García, D. C., Bissaro, M. C., **Rockwell H.M....** & Neves, W.

2016. Early Holocene ritual complexity in South America: the archaeological record of Lapa do Santo (east-central Brazil). *Antiquity*, 90(354), 1454-1473.

Pelton, S. R., Boyd, J. R., **Rockwell, H.**, & Newton, C.

2016. Younger Dryas-Aged Fluting, Cold, and Time Budgeting in the Great Plains and Rocky Mountains. *PaleoAmerica*, 2(2), 169-178.

Goodby, R. G., Bock, P., Bouras, E., Dorion, C., Evans, A. G., Largy, T., Pollock, S. **Rockwell, H.M.** & Spiess, A.

2014. The Tenant Swamp Site and Paleoindian Domestic Space in Keene, New Hampshire. *Archaeology of Eastern North America*, 129-164.

Contributions to Peer-Reviewed Edited Volumes

Rockwell, H.M.

2022 “The Ochre Court Sundial” (entry #71). In *Muse and Mercy: Exploring Fine and Decorative Arts at Salve Regina University*, Edited by Ernest Jolicoeur and Anthony Mangieri. Salve Regina University Press.

Boisvert R., **Rockwell, H. M.**, Rusch. B.

2018 The Potter Site : Randolph, New Hampshire. In *In the Eastern Fluted Point Tradition Volume 2*. University of Utah Press.

Henry, D. O., Nowell, A., Mendez, K., Peterson, E., Senn, M., & **Rockwell, H.M.**

2014 The Technotypology of Chipped Stone Artifacts. *The Sands of Time. The Desert Neolithic Settlement at Ayn Abu Nuklayla, bibliotheca neolithica Asiae meerdidionalis et occidentalis. Ex oriente, Berlin*, 145-170

Technical Reports, Reviews, and Other Scholarly Works

**Rockwell, H, M.** and Kitchel, N.R.

2022 The Views from Way up North: The Munsungun Quarries Project. Report for the New Hampshire Archaeological Society Newsletter, 38(1).

**Rockwell, H, M.** and Kitchel, N.R.

2020 Update on Survey and Excavations at the NKP Quarry Complex. Report for the State Historic Preservation Office of Maine.

Rockwell, H.

2019 Book Review of *Strategies for Quantitative Research: Archaeology by Numbers* by Grant McCall. *North American Archaeologist*.

Rockwell, H.

2018 Editorial Review of “*Frauds, Myths, and Mysteries: Science and Pseudoscience in Archaeology*” by Kenneth Feder. Oxford University Press.

Jones, S., Mog C., **Rockwell, H.**, Richards, J.

2017 Ice-Patch Studies in the Klondike Gold Rush National Historic Park. Report Prepared for the National Parks Service. On file at Klondike Gold Rush National Historical Park.

Taylor, R, and **Rockwell, H.M.**

2015 The 2015 Dyea Townsite Trail Creation Survey: A Report of Investigations of the Subsurface Testing in the Dyea Townsite for creation of Recreational Trails. Report Prepared for the National Parks Service. On file at Klondike Gold Rush National Historical Park.

Taylor, R. and **Rockwell, H. M.**

2015 The 2015 Dyea Flats and Lost Lake Road Survey : A Report of Investigations of the Subsurface Testing on the Dyea Flats Road and Lost Lake Road. Report Prepared for the National Parks Service. On file at Klondike Gold Rush National Historical Park.

Rockwell, H.M.

2013 National Register Nomination: The High Rise Village (48FR5891). Accepted to the National Register of Historic Places, Summer 2013.

Rockwell, H.M.

2012 Book Review of *Clovis Lithic Technology, Investigation of a Stratified Workshop at the Gault Site, Texas* by Michael Waters, Charlotte Pevny, and David Carlson. In *Great Plains Research: A Journal of Natural and Social Science*, 22(2): 211.

Goodby, R. G., Bock P., Bouras E., Dorion, C., Evans A.G., Largy T., Pollock S., and **Rockwell, H.M.**

2011 Phase III Data Recovery at the Tenant Swamp Site (27CH187), Keene Middle School Site, Maple Avenue, Keene, New Hampshire. Report Prepared for School Administrative Unit #29. On file at the New Hampshire Division of Historical Resources.

Rockwell, H. M.

2010 Use-Wear Analysis of 27CH187 Tools. Report to the Monadnock Archaeological Consulting LLC.

Rockwell, H. M.

2010 Book Review of *Toward a Behavioral Ecology of Lithic Technology* by Todd Survovell. In *Lithic Technology* vol 35(1): 82-83.

*In Preparation Peer-Reviewed Publications*

Rockwell, H.R., Kitchel, N.R. and Celia, C. E.

*In Prep submission date pending.* The Effects of Kiln and Open Fire Heat Application to Red Munsungun Chert: Implications for the Identification of Hearth Centered Activity Areas. To be submitted to: *Lithic Technology*.

Kitchel, N.R., Boza Cuadros, M.F. and **Rockwell, H.M.**

*In Prep for submission February 1, 2022.* Two Deeply Stratified Early Holocene Sites on the Far South Coast of Peru. To be submitted to: *Latin American Antiquity*.

Mackie, M.E. and **Rockwell H.M.**

*Under Review.* An Employment Crisis Among Anthropology PhD's: Considering Program Size in Rates of Faculty Job Placement. *PLOS One*

Kitchel, N.R., MacDonald B.L., Boulanger M.T., **Rockwell, H.M.**

*Under Review.* Preliminary Results on the Applicability of Neutron Activation Analysis (NAA) to Identify Cherts from the Munsungun Lake Formation, Maine, USA. *Geoarchaeology*.

### **Grants, Honors, and Awards**

2021	Southeastern New England Charitable Foundation Grant	\$43,000
2020	Paul Bruhn Historic Revitalization Grant	\$350,000
2019	National Park Service Underrepresented Community Grant	\$50,000
2018	Dartmouth College Research Grant	\$5,000
2017	Roy J. Shlemon Center for Quaternary Studies Project and Mentoring Grants	\$10,000
2017	Rust Family Foundation Archaeological Research Grant	\$5,000
2014	Roy J. Shlemon Center for Quaternary Studies Student Travel Grant	\$1000
2014	Promoting Intellectual Engagement in the First Year Award	Awarded
2013	Promoting Intellectual Engagement in the First Year Award	Awarded
2013	George C. Frison Institute Research Grant, University of Wyoming	\$750
2012	Harry Walts Scholarship, Loveland Archaeological Society	\$500
2012	Henry and Clara Jensen Doctoral Travel Award, Wyoming Archaeological Society, Wyoming Association of Professional Archaeologists, and Wyoming Archaeological Foundation	\$500
2012	Graduate Student Travel Funding Matching Grant, Spring, Department of Anthropology, University of Wyoming	\$250
2012	Graduate Student Travel Funding Grant, Academic Affairs, University of Wyoming	\$250
2011	New Hampshire Young Preservationist, The New Hampshire Preservation Alliance	Awarded
2010	Student Travel Grant, The Graduate Student Council, University of Tulsa	\$500
2010	Student Research Grant, The Graduate School of Arts and Sciences, University of Tulsa	\$500
2007	Student Travel Grant, Plains Anthropology Conference	\$500

### **Media**

2022	Nor'eastern PaleoIndian Archaeology with Dr. Heather Rockwell	<a href="#">Podcast Interview on A Life In Ruins archaeology Podcast</a>
2021	History Under Our Feet	<a href="#">YouTube Film by Aroostook Band of Mi'kmaq</a>
2021	Dr. Heather Rockwell "Say Yes"	<a href="#">YouTube Film by Salve Regina University</a>
2021	They Walked With the Mammoths	<a href="#">Interview for Ochre Magazine at Salve Regina University</a>
2019	Unearthing Dartmouth History	<a href="#">YouTube Film by Dartmouth College</a>

### **Field and Lab Experience**

2017-2023, Principal Investigator, Reinvestigation of the Munsungun Chert Lithic Quarry, Maine

2017, Summer, Archaeologist, National Parks Service. Klondike Gold Rush National Historic Park, Skagway, Alaska.

2015, Summer, Archaeologist, National Parks Service. Klondike Gold Rush National Historic Park, Skagway, Alaska.

2013, Spring, Intern, State Historic Preservation Office, Wyoming.

2007-2012, Summer, Field Supervisor for the State Conservation Rescue Archaeology Field School, Division of Historical Resources, State of New Hampshire

2011, Fall, Museum Assistant, University of Wyoming, Museum of Anthropology, Charles Reher

2010-2011, Fall and Spring, Research Assistant, University of Wyoming, Robert Kelly

2010, Summer, Analyst and Field Technician, Use-Wear Analysis Consultant, Monadnock Archaeological Consulting, LLC

2007-2011, 2 weeks annually, Supervisor. Gault School of Archaeological Research

2008-2010, Fall and Spring, Research Assistant, University of Tulsa, Dr. George Odell

2007, Summer, Intern for the New Hampshire Division of Historical Resources, Elizabeth Muzzey.

2006, Student Excavator, Beloit College Anthropology Department Volunteer Archaeology. Beloit WI.

2006, Summer, Student Excavator, Beloit College Chilean Field School. Pisagua, Chile.

2001-2006, Summers, Student Excavator, State Conservation Rescue Archaeology Program. Concord, New Hampshire

### **Invited Lectures**

2023 “The Big Importance of Small Things: Microscopic and Blood Residue Analysis of Ancient Stone Tools” Presented as part of the Avon Historical Society Webinar Series.

2022 “Archaeology at the Edge of the World: Investigating the First People of Maine.” Faculty Lecture Series, McKillop Library, Salve Regina University.

2022 “Latest Updates on Archaeological Survey and Testing at Red Chert Quarries in the Munsungun Lake Formation, Northern Piscataquis County Maine” Presented at the Maine Archaeological Society Archaeology Month Celebration.

2022 “Geographic Information Systems for Archaeology” Presented at the New Hampshire Archaeological Society educational lecture series in celebration of Archaeological Awareness Month.

2021 “Sharing Scholarship Presentation” Presented at the Salve Regina December Faculty Assembly.

2021 “Wicked Awesome Rocks” Presented at the New Hampshire Archaeological Society educational lecture series in celebration of Archaeological Awareness Month.

2020 “North of Wherever You Are: Recent Investigations of the Munsungun Lithic Source.” Presented at the University of Wyoming Brown Bag Lecture Series.

2019 “New Hampshire's First People: Recent Paleoindian Archaeology in the Northeast.” Presented at the Plymouth State University Archaeology Month Speaker Series.

2018 “Clovis and the Common Cold” Presented at the Dartmouth Archaeology Working Group Seminar Series.

2017 “Catching the Clovis Virus: Modeling the Spread of Clovis as a Diffusion of Innovations” Presented at the Cheyenne Chapter of the Wyoming Archaeological Society

2014 “Sweating the Small Stuff: Microscopic Analysis of Stone Tools of the New England Paleoindians” Presented at the New England Antiquities Research Association Meeting. Nashua, New Hampshire.

2013 Boisvert R., **Rockwell H.M.**, Rusch B., “Settling into the Late Pleistocene Landscape: The Potter Site a Multicomponent Site in New Hampshire.” Presented at the Paleoamerican Odyssey. Santa Fe, NM.

### **Conference Symposia Organized**

2020 “Archaeology by the public and for the public: papers in honor of Dick Boisvert.” Conference Cancelled Society for American Archaeology 87th Annual Meeting. Chicago, Illinois.

2019-2020 “University of Wyoming Department of Anthropology Seminar Series” Organized at The University of Wyoming, Laramie, WY.

2017 **Rockwell, H.M.** and Malloy, K. “Teching through the Past: Advances in Technological Analysis of the Archaeological Record” Presented at Society for American Archaeology 82nd Annual Meeting. Vancouver, British Columbia.

### **Conference Papers**

2023 “Large Interpretations from Small Things: The Potential and Need for Large Scale Microwear Studies.” To be Presented at Society for American Archaeology 87th Annual Meeting. Portland, Oregon.

2022 Kitchel, N. and **Rockwell, H. M.**, “Updates from Way Up North: The Munsungun Quarries Project” Presented at the Eastern States Archaeological Federation 89th Annual Meeting. Shippensburg, Pennsylvania.

2022 **Rockwell, H. M.** and Mackie, M. “An Employment Crisis Among Anthropology PhD’s: Considering Program Size in Rates of Faculty Job Placement.” Presented at Society for American Archaeology 86th Annual Meeting. Chicago, Illinois.

2019 “Investigations at the Munsungun Lithic Quarry”. Presented at Society for American Archaeology 84th Annual Meeting. Albuquerque, New Mexico.

2018 “Recent Investigations at the Munsungun Lithic Quarry”. To Be Presented at the Eastern States Archaeological Federation Annual Meeting.

2018 “Paleoindian Archaeology in the Munsungun Lake Region: Beyond Norway Bluff.” Presented at Society for American Archaeology 83rd Annual Meeting. Washington, D.C.

2017 **Rockwell, H. M.** and Malloy, K. “Just A Scratch: An Experimental Application of Reverse-Microwear Analysis” Presented at Society for American Archaeology 82nd Annual Meeting. Vancouver, British Columbia.

2017 Boisvert R., **Rockwell, H. M.**, Rusch B., “Intra Site Patterning and the Paleoindian Record of Eastern North America” Presented at Society for American Archaeology 82nd Annual Meeting. Vancouver, British Columbia.

2016 “Changes in Latitudes, Changes in Attitudes: A Perspective on Tool Use across New England and the Canadian Maritimes” Presented at the Eastern States Archaeological Federation 83<sup>rd</sup> Annual Meeting. Langhorne, Pennsylvania.

2016 Singer, Z., Leach P., **Rockwell H. M.**, Matarazzo T., Dotzel K., and Moeller R.. “Revisiting Templeton (6LF21): A Reanalysis of Connecticut’s Formative Paleoindian Site”. Paper presented at the 2016 Connecticut Archaeology Fair, University of Connecticut, Storrs, Connecticut.

2016 “Simulating Clovis Technological Diffusion,” Presented at the Society for American Archaeology 81<sup>st</sup> Annual Meeting. Orlando, Florida

2014 “A Functional Perspective on the Organization of Mobile Toolkits during the Paleoindian Period.” Presented at the Society for American Archaeology 79<sup>th</sup> Annual Meeting, Austin, Texas.

2012 “The Feasibility of Microwear Analyses of Debitage: A Case Study from New Hampshire’s Great North Woods.” Presented at the Society for American Archaeology 77<sup>th</sup> Annual Meeting, Memphis, TN.

2011 “Use-Wear Analysis at the Tenant Swamp Site.” Presented at the North Eastern Archaeological Association Annual Meeting, Keene, NH.

2011 “Use-Wear Analysis at the Potter Site: Implications for Paleoindian Behavior.” Presented at the Wyoming Archaeological Society Meeting. Laramie, Wyoming.

2010 “Use-Wear Analysis at the Potter Site: A Paleoindian Site in New Hampshire.” Presented at Society for American Archaeology 75<sup>th</sup> Annual Meeting, St. Louis MO.

2008 “The Abri Cellier Collection.” Presented at the Three Rivers Archaeological Society Meeting, Beloit WI.

2008 “The Abri Cellier Collection.” Presented at Beloit College Symposium Presentations. Beloit WI.

2006 “Comparative Excavation Techniques: North and South America.” Presented at The Beloit College International Symposium on Chilean field school excavations, Beloit WI.

### **Salve Regina University Committees**

2022-2023	SOA Curriculum Redesign Committee	Salve Regina University
2021-2023	Curriculum Committee	Salve Regina University
2020-2023	Cultural Historic Preservation Conference Planning Committee	Salve Regina University
2022-2023	Land Acknowledgement Task Force	Salve Regina University
2021-2023	Compass Design Working Group: Signature Salve Experience, Sophomore/Junior Transitions	Salve Regina University
2021-2022	Search Committee for Sociology Position	Salve Regina University
2020-2022	CHP Curriculum Redesign Committee	Salve Regina University

### **Salve Regina University Service**

2022	Guest Lecturer: American Philosophy Course	Salve Regina University
2022	Workshop Presenter for Center for Teaching and Learning	Salve Regina University
2022	Core Learning Outcome Focus Groups	Salve Regina University
2022	Discovery Interviews with Generation Branding & Communication	Salve Regina University
2021-2023	Advisor for Preservation After Dark	Salve Regina University
2021-2023	Advisor to the Cultural Historic Preservation Society	Salve Regina University

### **Professional Service since Fall 2020**

2022	Invited Reviewer	Advances in Archaeological Practice
2021	Invited Reviewer	Paleoamerica
2017	Invited Reviewer	Paleoamerica
2016	Invited Reviewer	American Antiquity

### **Service to the Community since Fall 2020**

2022-2023	Historic Resource Research and Mapping	Norman Bird Sanctuary
2021-2023	Cemetery Mapping Project and Ground Penetrating Radar	St. Colomba Cemetery
2021	Ground Penetrating Radar at the Hunter House	Newport Preservation Society

### **Teaching Experience**

2023	Spring	CHP 399: Special Topics Salve Archaeological Survey, Two Sections	Salve Regina University
2023	Spring	CHP 256: Internship Archaeology and Cultural Resource Management	Salve Regina University
2023	Spring	SOA 130: Interpreting Cultural Differences	Salve Regina University
2022	Fall	CHP 256: Internship Archaeology and Cultural Resource Management	Salve Regina University
2022	Fall	ENV 497: Undergraduate Research	Salve Regina University
2022	Fall	UNV101: Archaeology of Newport	Salve Regina University
2022	Fall	Pell299/CEG390/SOA399: Astronauts of the Ancient World, New World Colonization	Salve Regina University
2022	Fall	CHP/SOA/AST 190: Intro to Archaeology	Salve Regina University
2022	Fall	SOA 130: Interpreting Cultural Differences	Salve Regina University
2022	Summer	CHP/SOA 332: Archaeological Field School	Salve Regina University
2022	Spring	CHP 310: Introduction to GIS	Salve Regina University
2022	Spring	CHP/SOA 218: Exploring North American Indigenous Cultures	Salve Regina University
2022	Spring	CHP 499 01: Independent Study Experimental Archaeology	Salve Regina University
2022	Spring	CHP 499 02: Independent Study Historic Restoration	Salve Regina University
2022	Spring	SOA 130: Interpreting Cultural Differences	Salve Regina University
2021	Fall	UNV 101: Hoaxes and Hucksters: Science and Pseudoscience in Archaeology.	Salve Regina University



2021	Fall	CHP/SOA/AST 190: Intro to Archaeology	Salve Regina University
2021	Fall	SOA 130: Interpreting Cultural Differences	Salve Regina University
2021	Fall	CHP 262: Historic Sites and Cultural Resource Management	Salve Regina University
2021	Spring	CHP/SOA 218: Exploring North American Indian Societies	Salve Regina University
2021	Spring	CHP 290-02: Introduction to GIS	Salve Regina University
2021	Spring	CHP 290-01: Introduction to GIS	Salve Regina University
2021	Spring	SOA 130: Interpreting Cultural Differences	Salve Regina University
2020	Fall	CHP 330: Archaeological Laboratory Analysis	Salve Regina University
2020	Fall	CHP/SOA/AST 190: Intro to Archaeology	Salve Regina University
2020	Fall	SOA 130: Interpreting Cultural Differences	Salve Regina University
2020	Spring	ANTH 3400: Hunters and Gatherers	University of Wyoming
2019	Fall	ANTH 3400: Hunters and Gatherers	University of Wyoming
2019	Spring	ANTH 2100: Foundations in Anthropology	Plymouth State University
2019	Spring	ANDI 1205: Artifacts, Customs and Fossils	Plymouth State University
2018	Fall	AN/SO 4415: Social Research Methods	Plymouth State University
2018	Fall	ANTH 105: Introduction to Ethnography: The World of Work	Great Bay Community College
2018	Summer	ANTH 1300: Introduction to Archaeology	University of Wyoming
2018	Spring	ANTH 1300: Introduction to Archaeology	University of Wyoming
2018	Spring	AMTH 1101: First Year Seminar: Hoaxes, Myths and Charlatans	University of Wyoming
2017	Fall	ANTH 3400: Hunters and Gatherers	University of Wyoming
2017	Summer	ANTH 4097: Cultural Resources Internship	University of Wyoming
2016	Fall	ANTH 4097: Cultural Resources Internship	University of Wyoming
2014	Spring	ANTH 1200: Introduction to Cultural Anthropology	University of Wyoming
2013	Fall	ANTH 1200: Introduction to Cultural Anthropology	University of Wyoming
2013	Spring	ANTH 1200: Introduction to Cultural Anthropology	University of Wyoming
2012	Fall	ANTH 1200: Introduction to Cultural Anthropology	University of Wyoming
2012	Spring	ANTH 1300: Introduction to Archaeology	University of Wyoming

### **Continuing Education**

2021 “GSSI Utility Scan Pro: Ground Penetrating Radar Training Program.” Geophysical Survey System Inc.

2019 “Section 106 Agreements Seminar.” Advisory Council on Historic Preservation.

2019 “Section 106 Practitioner’s Workshop.” Advisory Council on Historic Preservation.

2018 “Responsible Stewardship of Academic Environments: From Corridors to Classrooms to Field Sites.” SAFE field work practice workshop at Dartmouth College.

2017 “Sexual Misconduct and Duty to Report.” Anti-harassment training workshop at the University of Wyoming

2017 “Sexual Harassment and Discrimination.” Title IV training workshop at the University of Wyoming

**Membership in Scholarly Societies**

2016-2022 Eastern States Archaeological Federation

2008-2022, Society for American Archaeology

2011-2022, New Hampshire Archaeological Society