
Nathan Buchanan Goodale
Applicants Vitae

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Department of Anthropology
Washington State University
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USA

Career

B.A.

Graduated from Western State College in May of 1999 with degrees in geology and anthropology, and a minor in history.

M.A. Graduated from The University of Montana with a Master of Arts degree in anthropology and a thesis defense on December 17, 2001.

Career goals: pursue a Ph.D. in anthropology/archaeology and obtain a research and teaching position at the university level.

Specializations

Anthropological issues dealing with the correlations of technology change and subsistence intensification with population packing and the emergence of complex social organization among hunter-gatherer groups. Specializations in the forager to farmer transition in the Near East, the rise of complex hunter-gatherers on the Canadian Plateau, and high altitude hunter-gatherer adaptations in the southern Rocky Mountains. Lithic specialist with bifacial and unifacial technologies, functional analysis, and raw material identification. Near East, Southern Levant, Northwest Coast of North America, US Southwest, and Great Plains.

Published Papers

Goodale N. B., W.C. Prentiss and I. Kuijt

N.D. Recurrent Cultural Complexity: A Case Study from the Upper Columbia Region of the Northwest. In *Complex Hunter-Gatherers: Evolution and Organization of Prehistoric Communities on the Plateau of Northwestern North America*. Edited by W.C. Prentiss and I. Kuijt. Paper is accepted in the edited volume, Utah Press Publisher.

Goodale, N.B.

N.D. Chipped Stone and Human Behavior: Linking Tool Function and Spatial Variability during the Early Neolithic Occupation at Dhra', Jordan. Paper in preparation to be submitted to *Lithic Technology* and will be presented at the 2003 Society for American Archaeology Meeting.

Prentiss, W.C., M.P. Lenert, N.B. Goodale, T. Shclegel

In Press. Calibrated Radiocarbon Dating at Keatley Creek: The Chronology of Occupation at a Complex Hunter-Gatherer Community. Accepted pending revisions on 10/28/02, *American Antiquity*.

Finlayson, B., I. Kuijt, T. Arpin, M. Chesson, S. Dennis, N. Goodale, S. Kadowaki, L. Maher, S. Smith, M. Schurr, and J. McKay

In Press Dhra', Excavation Project, 2002 Interim Report. *Levant* Vol. 35.

Goodale N.B., I. Kuijt, and B. Finlayson

2003 Results on the 2001 Excavation at Dhra', Jordan: Chipped Stone Technology, Typology, and Intra-Assemblage Variability. *Paleorient* 28(1): 115-130.

Goodale, N.B.

2002 Subsistence Pursuit, Living Structures and the Evolution of Hunter-Gatherer Socioeconomic Systems at the Keatley Creek Site. Student Paper Competition Winner for Northwest Anthropological Conference. *Journal of Northwest Anthropology* 36(2):213-226.

Goodale, N.B. and S. Smith

2002 Pre Pottery Neolithic A Projectile Points at Dhra', Jordan: Preliminary Thoughts on Form, Function, and Site Interpretation. *Neo-Lithics* 2(1): 2-6.

Goodale, N.B.

2001 *The Evolution of Hunter-Gatherer Socioeconomic Systems During the Middle to Late Holocene in the Upper Columbia and the Interior Northwest*. Thesis submitted in partial fulfillment of the degree of Masters of Arts, The University of Montana, Missoula.

Technical Reports

Campbell, G.R. and T.A. Foor

2001 *An Ethnohistorical and Ethnographic Evaluation of Blackfeet Religious and Traditional Cultural Practices in East Glacier National Park and the Surrounding Mountains*. The Blackfeet Tribe of Montana Browning, Montana. Computer graphics specialist for report.

DesPlanques, S., N.B. Goodale, J. Bouma, and W.C. Prentiss

2001 *Class III Cultural Resource Inventory of the Cippewa-Cree Tribe Rocky Boy Reservation Municipal, Rural, and Industrial Water Supply Project, Choteau and Hill Counties, Montana*. Unpublished manuscript on file at the Cippewa-Cree Tribal Water Resource Department, Rocky Boy Agency, Montana.

Goodale, N.B.

2002a *Cultural Resource Inventory of the Strawberry Aqueduct and Collection System: Angler- Access Corridor in Duchesne and Wasatch Counties, Utah*. Report for the Utah Reclamation Mitigation and Conservation Commission, Salt Lake City, Utah.

2002b *Addendum No. 7 Cultural Resource Inventory and Reevaluation for the 2003 Kern River Expansion Project: Two-Track Roads FIL-029, FIL-030, and FIL-036 in Iron and Beaver Counties, Utah*. Prepared for Kern River Gas Transmission Co., Salt Lake City, Utah and Williams Gas Pipeline, Houston, Texas.

2002c *Addendum No. 6. Cultural Resources Inventory and Reevaluation for the 2003 Kern River Expansion Project: No Impact Assessment and Reevaluation of Sites Associated with 2-Track Roads FIL-023, FIL-033, FIL-301, FIL-302, FIL-305, FIL-307, FIL-308,*

AND FIL-309 in Iron County, Utah. Report produced by Alpine Archaeological Consultants for Williams Houston, Texas and Kern River Gas Transmission Company Salt Lake City, Utah. KREP Report No. 7.

2002d *Addendum No. 5 to Cultural Resource Inventory and Reevaluation on the 2003 Kern River Expansion Project: Access Roads in Uinta County, Wyoming.* Prepared for Kern River Gas Transmission Co., Salt Lake City, Utah and Williams Gas Pipeline, Houston, Texas.

Goodale N.B., W.C. Prentiss and I. Kuijt

2001a Chapter 2: Environment, Paleoenvironment, Cultural Chronology, Ethnographic Sygaytskst, and History of Archaeological research. In *Report of the 2000 Investigation at the Slocan Narrows Village (DkQi 1 and DkQi 2)*. Unpublished manuscript on file at the British Columbia Heritage Branch, Victoria B.C.

2001b Chapter 3: Stratigraphy, Features, and Dating. In *Report of the 2000 Investigation at the Slocan Narrows Village (DkQi 1 and DkQi 2)*. Unpublished manuscript on file at the British Columbia Heritage Branch, Victoria B.C.

2001c Chapter 4: Lithic Artifacts. In *Report of the 2000 Investigation at the Slocan Narrows Village (DkQi 1 and DkQi 2)*. Unpublished manuscript on file at the British Columbia Heritage Branch, Victoria B.C.

Prentiss, W.C., T. Schlegel, M. Burns, L. Harris, and N. Goodale

2002 *Report on the 2001 Excavations at the Keatley Creek Site (EeRl 7)*. Unpublished manuscript submitted to the British Columbia Heritage Branch, Victoria B.C.

Prentiss, W.C., N.B. Goodale, M. Burns

2002 *Report on the 2001 Excavations at the Vivendi Site (24CA656)*. Cultural resource inventory submitted to the Water Treatment Plant Expansion Project, the city of Great Falls Montana.

Prentiss, W.C., I. Kuijt, N.B. Goodale, M. Burns, and T.A. Floor

2001 *Report of the 2000 Investigation at the Slocan Narrows Village (DkQi 1 and DkQi 2)*. Unpublished manuscript on file at the British Columbia Heritage Branch, Victoria B.C.

Conference Papers Presented

2003

Chipped Stone and Human Behavior: Linking Tool Function and Spatial Variability during the Early Neolithic Occupation at Dhra', Jordan. Co-authors N.B. Goodale and S.J. Smith. Paper to be presented at the Society for American Archaeology Conference in Milwaukee, WI March, 2003.

2002

The PPNA Chipped Stone Assemblage of Dhra' Jordan: Preliminary Results on Intra-Assemblage Variation. Co-authors N.B. Goodale, I. Kuijt, and B. Finlayson. Paper presented at the Society for American Archaeology Conference in Denver, Co March 2002.

Constructing a Regional Settlement Pattern Based on Intra-Site Data: A Case Study from the Upper Columbia Region of the Northwest. Co-authors I. Kuijt, N.B. Goodale, and W.C. Prentiss. Paper presented at the Society of American Archaeology Conference in Denver, Co March 2002.

Subsistence Pursuit, Living Structures and the Evolution of Hunter-Gatherer Socioeconomic Systems at the Keatley Creek Site. Paper presented at the 55th Annual Northwest Anthropological Conference, Boise Idaho.

2001

Calibrated Radiocarbon Dates and Cultural Change on the Canadian Plateau. Co-authors Michael Lenert and Nathan Goodale. Paper presented at the Society for American Archaeologists in New Orleans, April 2001.

Overview of the Slocan Narrows Archaeological Project in southeastern British Columbia. Paper presented in March of 2001 at the Northwest Anthropological Conference Moscow, Idaho.

Pithouse Village Settlement Pattern Evolution in the Upper Columbia Drainage. Presented at the Montana Archaeological Conference in Missoula, Montana April 2001.

Service

2000-2002

Chair of the Student Evaluation Committee. Sept-Oct 2001. Responsible for the evaluation of all faculty members in The University of Montana Department of Anthropology. Committee chair.

Guest Lecturer for Montana Archaeological Week. Sept 2001. Presentation on the Archaeology of the Near East.

Guest Lecturer for the 2nd Annual Montana Anthropological Student Association Banquet. Nov 2001. Presentation on the results of the 2001 Excavation at Dhra' Jordan.

Vice President of the Montana Anthropological Student Association Sept 2000-- May 2000. Vice President and in charge of organizing events (i.e. fundraisers, guest speakers, public education programs).

Moderator for National Undergraduate Research Conference May 2000
The University of Montana. I moderated sessions in Archaeology of Hunter-Gatherers and Structural Geology.

Director of Teaching Anthropology at Meadowhill Middle School Oct 2000
Public education program for the 6th grade at Meadowhill Middle School. The program included education in Archaeology, Physical Anthropology, and Cultural Anthropology.

Work Experience**2003**

Crew Member for the Excavations at 42BE751. March 2003. Rockshelter site with middle to late archaic components in Beaver County, Utah. Alpine Archaeological Consultants.

Lithic Specialist for the 2003 Kern River Expansion Project. Jan 2003-Present. Currently Analyzing all lithic materials from 18 prehistoric sites excavated during the Kern River Expansion Project. Alpine Archaeological Consultants, Inc. Montrose, Colorado

2002

Lithic Specialist for the 2003 Kern River Expansion Project. Nov – Dec 2002. Currently Analyzing all lithic materials from 18 prehistoric sites excavated during the Kern River Expansion Project. Alpine Archaeological Consultants, Inc. Montrose, Colorado.

Crew Supervisor for the Cheyenne to Miracle Mile 115kV Transmission Line. Oct 16—Nov 1. Survey in Carbon and Albany Counties, Wyoming. Alpine Archaeological Consultants Inc. Montrose, Colorado.

Crew Supervisor for the Strawberry Aqueduct Consolidation System Angle Access. Oct 2—Oct 10. Survey in Duchesne and Wasatch Counties, Utah. Alpine Archaeological Consultants Inc. Montrose Colorado.

Assistant Crew Supervisor for the 2003 Kern River Expansion Project. Sept 10—Oct 1. Sites in Beaver, Millard, and Iron Counties, Utah and Uinta County, Wyoming. Alpine Archaeological Consultants Inc.

Assistant Site Supervisor for excavations during the Lovell—Thermopolis 115 kV Transmission Line. Sept 2002. Archaeological excavations at an Archaic age site.

Assistant Director, Lithic Technology Specialist, and On-Site Laboratory Director for the Archaeological Investigations at the PPNA Settlement of Dhra', Jordan. June 2002---Aug 2002. Lithic technology specialist and site supervisor, under the direction of Drs. Ian Kuijt (University of Notre Dame) and Bill Finlayson (Council for British Research in the Levant).

Crew Member on Excavations at Wadi Ziglad, Jordan. May 1- May31. Crew Member for Pottery Neolithic and Epi-Paleolithic (Geometric Kabaran) Excavations Directed by Dr. Ted Banning (The University of Toronto).

Assistant Director, Lithic Specialist and Stratigraphy Specialist for the Excavations at the Vivendi Site (24HA656), Great Falls Montana. Oct 2001-Apr 2002. Responsible for all lithic and stratigraphic analysis. This contract also requires a technical report and a published article in a national journal.

Keatley Creek Archaeological Project March 1 – March 31. Lithic Analyst and computer graphics specialist for the 2001 field season directed by William C. Prentiss at The University of Montana.

2001

Assistant Principle Investigator to the Class III Resource Inventory Collection of the MRI Pipeline Survey of the Chippewa-Cree Tribe's Rocky Boy Reservation. Aug 2001--Sept 2001. Under the co-direction of Drs. William C. Prentiss (University of Montana) and Thomas Foor (University of Montana). Responsible for the recording and documentation of the prehistoric cultural resources in the Rocky Boy Reservation.

Assistant Director, Lithic Technology Specialist, and Site Supervisor for the Archaeological Investigations at the PPNA Settlement of Dhra', Jordan. May 2001---Aug 2001. Lithic technology specialist and site supervisor under the direction of Drs. Ian Kuijt (University of Notre Dame) and Bill Finlayson (Council for British Research in the Levant).

Substitute Teacher for the Missoula Public School District. February 2001--May 2001. Teaching the ages of 1st -12th grade in Missoula, Mt.

2000

Lecturer/Teaching Assistant The University of Montana Sept 2000-- Jan 2000
T.A. for Anthropology 180 (Race and Minorities) taught by Dr. Greg Campbell and Anthropology 450 (Archaeological Theory) taught by Dr. Tom Foor.

Assistant Director, Lithic Specialist and Stratigraphy Specialist for Excavations at the Slocan Narrows Housepit Village, British Columbia May 20--June 29, 2000
Research for M.A. Thesis on the Slocan Narrows Archaeological Project Southeastern British Columbia. Research guided under the Co-directors Drs. William Prentiss (University of Montana) and Ian Kuijt (University of Notre Dame).

1999

Contract Archaeologist May 1999--Aug1999
Alpine Archaeological Consultants Montrose, Colorado
Worked on a Fremont Indian village site in northeastern Utah as a field technician and Assistant Crew Chief.

1998

Contract Archaeologist May 1998--Aug 1998
Alpine Archaeological Consultants Montrose, Colorado
Field technician on an excavation of a rock shelter site with Archaic and Ute components. Field survey for 2002 Olympic Games in Salt Lake City Utah.

Contract Archaeologist May 1998--Aug 1998
Alpine Archaeological Consultants Montrose, Colorado
Field technician on a Ute wicki-up site near telluride Colorado.

Obsidian Trace Element Analysis for the Western Slope of Colorado Oct 1997-- May 1998. I submitted a proposal and received a grant from the Western Foundation for an Obsidian Trace Element Study of the Western Slope of Colorado.

1997

Contract Archaeologist June 1997--Aug 1997
Alpine Archaeological Consultants Montrose, Colorado
I obtained this job after finishing field school at the Tenderfoot site 5GN1835. While working for Alpine, I was trained in field survey while working in New Mexico.

Trained in field excavation on a Ute and Archaic component site near Grand Junction Colorado.

Field School

1997

Crew Member May 1997—June 1997

Field School at the Tenderfoot Site (5GN1835) under the direction of Dr. Mark Stiger and field supervision of Mark Larson.

Academic Preparation

Courses in Anthropology: Undergraduate

Anth 107-- Introduction to Anthropology	Anth 333-- Archaeology of Colorado
Anth 219-- Archaeology	Anth 465-- Adv. Method and Theory of Anth
Anth 230-- Ethnography	Anth 495-- Archaeology Field School
Anth 322-- Analysis of Material Culture	Sci 202-- Scientific Writing

Courses in Geology: Undergraduate

Geol 101-- Physical Geology	Geol 497-- Planetary Geology
Geol 110-- Historical Geology	Geol 455-- Paleontology
Geol 305-- Optical Mineralogy	Geol 300-- Field Geology in Hawaii
Geol 310-- Stratigraphy and Sedimentology	Geol 300-- Field Geology in Utah
Geol 330-- Environmental Geomorphology	Geol 300-- Field Geology in New Mexico
Geol 397-- Global Tectonics	
Geol 450-- Field Geology	
Sci 397-- Geographic Informational Systems	

Courses in Anthropology: Graduate

Anth 495-- Arch of the Arctic and Subarctic	Anth 583-- Seminar in Physical Anthropology
Anth 495-- Archaeology of Hunter-Gatherers	Anth 597-- Colloquium in Thesis Writing
Anth 450-- Archaeology Theory	Anth 598-- Research
Anth 580-- Seminar in Anthropologic theory	Anth 599-- Thesis Research
Anth 581-- Seminar in Cultural Anthropology	Ling 470-- Intro to Linguistics
Anth 584-- Seminar in Archaeology	Arab 101-- Elementary Arabic

Related Experience

Fluent in all Microsoft Windows computer programs, GIS based programs Arcview and Idrisi, mapping program AutoCad LT and 2000. Illustration programs Arcsoft, Adobe Illustrator, Jasc Paint Shop Pro 7.0, Grapher, and Macromedia Freehand 10. Experienced in running total mapping stations, geophysical survey magnetometry and resistivity instruments, and geographic positioning systems (GPS).

References

Dr. William C. Prentiss -- Professor of Anthropology at The University of Montana
406-243-6152

Dr. Ian Kuijt -- Professor of Anthropology at the University of Notre Dame 219-631-3263

Dr. Bill Finlayson -- Director of the Council for British Research in the Levant in Amman,
Jordan director_cbrl@nets.com.jo

Dr. Greg Campbell-- Professor of Anthropology and department chair at The University of
Montana 406-243-2693.

Dr. Tom Foor-- Professor of Anthropology at The University of Montana 406-243-2693