

Richard N. Holmer
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Personal Information

Date of Birth: February 16, 1945
Place of Birth: Denver, Colorado

Education

1978 Ph.D., University of Utah, Salt Lake City
1975 M.A., University of Utah, Salt Lake City
1972 B.A., University of Utah, Salt Lake City
1963 High School, Golden, Colorado

Professional Employment Record

2002-2003 Acting Chair, Department of Anthropology, Idaho State University
1998-prsnt Professor of Anthropology, Idaho State University
1992-1994 Chairman, Department of Anthropology, Idaho State University.
1989-1993 Director, Idaho Museum of Natural History.
1988-1998 Associate Professor of Anthropology (tenured), Idaho State University.
1987-1990 Curator of Anthropology and Chair, Division of Anthropology, Idaho Museum of Natural History.
1983-1988 Assistant Professor of Anthropology, Idaho State University.
1980-1984 Research Assistant Professor of Anthropology, University of Utah.
1979-1983 Contract Archaeologist, University of Utah Archaeological Center.
1974-1979 Numerous short-term archaeological excavations and surveys in Samoa, Utah and Arizona.
1974-1979 Teaching Assistant, University of Utah.
1968-1974 Various part-time and full-time jobs with Kennecott Explorations, Inc., Salt Lake City.
1965-1968 Sgt., United States Army, Special Forces, stationed in North Carolina, Panama and Vietnam.
1963-1965 Various part-time and full-time jobs with Bear Creek Mining Co., Denver, as a geophysical field technician and draftsman.

Professional Activities

1992-2000 Speakers Bureau, Idaho Humanities Council.
1989-1993 Board of Trustees (ex officio), Idaho Heritage Trust.
1985-1993 Associate Editor, *Tebiwa*, Idaho Museum of Natural History.
1984-1998 Director, Center for Environmental Anthropology (previously known as Northern Intermountain Quaternary Institute and Swanson-Crabtree Anthropological Research Laboratory).
1984-1986 Board of Directors, Idaho Archaeological Society.
1984-1989 Director, Idaho State University Archaeological Field School.

- 1983-prsnt Fellow, Utah Professional Archaeological Council.
- 1983-1987 Adjunct Curator of Archaeology, Idaho Museum of Natural History.
- 1982-1983 President, Utah Professional Archaeological Council.
- 1982-1983 Executive Committee, Intermountain Antiquities Computer System.
- 1980-1983 Utah Representative, Committee on Public Archaeology, Society for American Archaeology.

Grants and Contracts at Idaho State University

- 2008 Equipping the Crabtree Laboratory for Experimental Archaeology and Advanced Artifact Studies. University Research Committee (\$18,000).
- 2003 Integrated Environmental Analysis Education Outreach, Development and Use of Cultural Resource Predictive Models. Bechtel/INEEL (\$45,000 continuation).
- 2003 FY04 Infrastructure Research Award. State Board of Education (\$18,500).
- 2002 Integrated Environmental Analysis Education Outreach, Development and Use of Cultural Resource Predictive Models. Bechtel/INEEL (\$60,000 continuation).
- 2002 Shoshone-Bannock Traditional Knowledge. Shoshone-Bannock Tribes (\$14,000).
- 2001 Integrated Environmental Analysis Education Outreach, Development and Use of Cultural Resource Predictive Models. Bechtel/INEEL (\$60,000).
- 2001 Wildfire Effects on Rangeland Ecosystems and Livestock Grazing in Idaho: Palynology. (With Herbert Maschner) NASA (\$70,425).
- 1999 Spatial Integration of Archaeological Data for Eastern Idaho: A Geographic Information Systems Approach, Social Science Research Committee (\$23,400).
- 1998 Chemical Analysis of Obsidian Source Materials, Bureau of Land Management (\$15,000).
- 1997 Geologic Source Determination of Selected Prehistoric Artifacts, Faculty Research Committee (\$3,000).
- 1997 Blackfoot River Archaeological Project, Bureau of Land Management, Pocatello (continuation: \$1,400).
- 1997 FY98 Infrastructure Research Award. State Board of Education (\$9,892).
- 1996 Blackfoot River Archaeological Project, Bureau of Land Management, Pocatello (\$4,000).
- 1995 FY96 Infrastructure Research Award. State Board of Education (\$15,000).
- 1994 Idaho State University Foundation Matching Fund Grant (\$5000).
- 1994 FY95 Infrastructure Research Award. State Board of Education (\$18,000).
- 1992 Sharing the Past. Cooperative agreement, Bureau of Land Management, Shoshone (\$8,000).
- 1990 Archaeological Survey of the Idaho National Engineering Laboratory, EG&G Idaho, Inc., Idaho Falls (continuation: \$46,635).
- 1989 Curation of Artifacts. Bureau of Land Management State Office. Boise (continuation: \$5,000).
- 1989 Test Excavation of Four Sites at American Falls Reservoir. Bureau of Reclamation (\$6,009).
- 1989 Archaeological Survey of the Idaho National Engineering Laboratory, EG&G Idaho, Inc., Idaho Falls (continuation: \$47,156).
- 1988 Archaeological Collections Inventory. Idaho Historical Society. Boise (\$5,000).

- 1988 Curation of Artifacts. Bureau of Land Management State Office. Boise (\$4,788).
- 1988 Test Excavation of Ten Sites Along the Powerline Between PBF and EBR II. EG&G Idaho, Inc (\$23,273).
- 1988 Archaeological Survey of Argonne National Laboratory West, Administrative Boundary. Argonne National Laboratory West (\$7,000).
- 1988 Excavations at Dagger Falls. Boise National Forest (\$18,000).
- 1988 Test Excavations of Seven Sites along the Middle Fork, Salmon River. Challis National Forest (\$5,500).
- 1988 Archaeological Survey of the Idaho National Engineering Laboratory, EG&G Idaho, Inc., Idaho Falls (continuation: \$47,480).
- 1987 Archaeological and Paleontological Surveys of the Idaho National Engineering Laboratory for the SSC NEPA Compliance Plan. Idaho Department of Commerce (\$18,181).
- 1987 Archaeological Excavations at Smith Gulch, Frank Church River of No Return Wilderness Area. Boise National Forest (\$9,000).
- 1987 Archaeological Survey and Test Excavations at American Falls Reservoir, Minidoka Project. Bureau of Reclamation (\$4,000).
- 1987 Archaeological Survey of the Idaho National Engineering Laboratory, EG&G Idaho, Inc., Idaho Falls (continuation: \$23,971).
- 1986 Archaeological Survey of the Idaho National Engineering Laboratory, EG&G Idaho, Inc., Idaho Falls (continuation: \$38,632).
- 1985 Obsidian Hydration Dating of Prehistoric Artifacts. Idaho State University Research Grant (\$9,000).
- 1985 Cultural History of the Shoshonean Occupancy of the Snake River Drainage. Ft. Hall Business Council, with Allen C. Turner (\$14,000).
- 1985 Archaeological Survey of the Blackfoot and Snake Rivers Along the Northern Boundary of the Ft. Hall Indian Reservation. Idaho State University Faculty Research Grant (\$2,500).
- 1985 Archaeological Survey of the Idaho National Engineering Laboratory, EG&G Idaho, Inc., Idaho Falls (\$73,582).
- 1984 Archaeological Survey of the Idaho National Engineering Laboratory, EG&G Idaho, Inc., Idaho Falls (\$61,500).
- 1984 Archaeological Excavations at Corn Creek, Salmon River, Idaho. Boise National Forest (\$5,000).
- 1983 Archaeological Excavations at Three Sites Along the Salmon River, Idaho. Boise National Forest (\$5,000).

Publications: Books and Monographs

- 2005 *The Aztec Book of Destiny*. BookSurge, an Amazon.com Company. Charleston.
- 1995 *Guide to the Identification of Projectile Points from the Upper Snake River Basin, Eastern Idaho*. (revised 2000 and 2004) Department of Anthropology, Idaho State University.
- 1990 *Fort Hall and the Shoshone-Bannock*. Idaho State University Press. Pocatello (editor with E. S. Lohse).
- 1988 *Preliminary Report: The 1988 Excavation at Dagger Falls*. Swanson/Crabtree Anthropological Research Laboratory Reports of Investigations 88-10. Pocatello.

- 1987 *Archaeological Investigations on the Idaho National Engineering Laboratory 1986*. Swanson/Crabtree Anthropological Research Laboratory Reports of Investigations 87-2. Pocatello (with William G. Reed, Jeffrey W. Ross and Brenda L. Ringe).
- 1986 *Shoshone-Bannock Culture History*. Swanson/Crabtree Anthropological Research Laboratory Reports of Investigations 85-16. Pocatello (editor).
- 1986 *Archaeological Investigations on the Idaho National Engineering Laboratory 1984-1985*. Swanson/Crabtree Anthropological Research Laboratory Reports of Investigations 87-1. Pocatello (with William G. Reed, Jeffrey W. Ross, and Brenda L. Ringe).
- 1985 *Excavations at Corn Creek*. Swanson/Crabtree Anthropological Research Laboratory Reports of Investigations 84-8. Pocatello (with Jeffrey W. Ross).
- 1985 *Prehistoric and Historic Settlement in the Southeastern Great Basin*. University of Utah Archaeological Center Reports of Investigations 82-28. Salt Lake City (with James O'Connell).
- 1980 **Sudden Shelter*. University of Utah Anthropological Papers 103. Salt Lake City (with Jesse D. Jennings and Alan R. Schroedl).
- 1980 **Archaeological Excavations in Western Samoa*. Pacific Anthropological Records 32. Honolulu (with Jesse D. Jennings).
- 1978 A Mathematical Typology for Archaic Projectile Points in the Eastern Great Basin. Ph.D. Dissertation, University of Utah.
- 1976 **Excavations on Upolu, Western Samoa*. Pacific Anthropological Records 25. Honolulu (with Jesse D. Jennings, Joel C. Janetski and Howard L. Smith)

Publications: Articles

- 2004 Vegetation Change in the Upper Snake, Yellowstone, and Green River Drainages: The Last 14,000 Years. In *Wildfire Effects on Rangeland Ecosystems and Livestock Grazing in Idaho*, pp. 148-163. http://giscenter.isu.edu/research/techpg/nasa_wildfire/Final_Report/Documents/Chapter12.pdf. Idaho State University. Pocatello.
- 1997 **Volcanic Glass Utilization in Eastern Idaho*. *Tebiwa* 26(2):186-204. Pocatello.
- 1995 Projectile Point Classification: the Eastern Idaho Database. *Tebiwa* 25:115-121. Pocatello.
- 1994 **In Search of Ancestral Northern Shoshone*. In *Across the West: Human Population Movement and the Expansion of the Numa*, pp 179-187, edited by David B. Madsen and David Rhode. University of Utah Press. Salt Lake City.
- 1990 Prehistory of the Northern Shoshone. *Rendezvous* 26:41-60. Pocatello.
- 1989 Dagger Falls: A Preliminary Report. *Idaho Archaeologist* 12(1):3-13. Boise.
- 1986 **Common Projectile Points of the Intermountain West*. In *The Anthropology of the Desert West*, pp 89-115, edited by Carol Condie and Don Fowler. University of Utah Press. Salt Lake City.
- 1983 **Settlement and Subsistence in the Split Mountain Area of Northeastern Utah*. *Journal of Intermountain Archaeology* 11(2):27-53 (with Merrill Singer).
- 1983 Chipped Stone from Black Rock Cave. In *Black Rock Cave Revisited*, edited by David B. Madsen. Utah BLM Cultural Resource Series 14:32-43.

- 1983 *Samoan Village Patterns: Four examples. *Journal of the Polynesian Society* 91(1):81-102 (with Jesse D. Jennings and Gregory O. Jackmond).
- 1980 *Chipped Stone Projectile Points. In *Cowboy Cave* by Jesse D. Jennings. University of Utah Anthropological Papers 104:31-38. Salt Lake City.
- 1980 *Common Post-Archaic Projectile Points of the Fremont Area. *Antiquities Section Selected Papers* VII(16):55-68. Salt Lake City (with Dennis G. Weder).
- 1979 Archaeological Survey of Exxon Mineral Leases: Lake Mead National Recreation Area. *Western Anasazi Reports* 2(1):3-38. Cedar City.

* indicates refereed publications

Film

- 1989 The Excavation at Dagger Falls. VHS video tape/30min. Caribou Productions. Pocatello.
- 1984 The Desert Archaic Culture: Excavations at Sudden Shelter. 16mm/color/18min and VHS video. Anderson Productions. Salt Lake City.

Papers Presented at Professional Meetings

- 2008 Obsidian X-Ray Fluorescence Analysis at Idaho State University: A Demonstration. 35th Conference of the Idaho Archaeological Society, Pocatello.
- 2005 Analyzing Early Pleistocene Land Use Patterns for the Lake Terreton Sub-Region of the Idaho Nation Laboratory. Intermountain GIS User's Conference, Pocatello (with T. Grieve, C. Marler and A. Lapp).
- 2004 Testing a GIS Predictive Model of Archaeological Sites and Its Potential Research Applications for the Upper Snake River Basin in Eastern Idaho. Intermountain GIS Conference, Billings (with S. Plager, T. Grieves, C. Marler and B. Pace, poster received first place award).
- 2004 Testing a GIS Predictive Model of Archaeological Sites for the Upper Snake River Basin in Eastern Idaho. 69th Annual Meeting of the Society for American Archaeology, Montreal (with S. Plager and B. Pace)
- 2002 Recent Archaeological Research on the INEEL. Keynote address, 29th Conference of the Idaho Archaeological Society, Idaho Falls.
- 2002 A GIS Predictive Model of Archaeological Sites in Eastern Idaho. 28th Great Basin Anthropological Conference, Elko (with S. Plager, B. Pace and T. Grieve).
- 2002 Characterization of Volcanic Glass Tool Stone from Southern Idaho. 28th Great Basin Anthropological Conference, Elko (with S. Plager and R. Hughes).
- 2001 Recent Obsidian Studies in Southern Idaho. 27th conference of the Idaho Archaeological Society, Twin Falls (with S. Plager and R. Hughes).
- 2001 Mapping Adamagan. Alaska Anthropological Association Conference. Fairbanks (with S. Plager).
- 2000 Pattern in the Distribution of Volcanic Glass Materials in the Northeastern Great Basin. 27th Great Basin Anthropological Conference. Ogden (with S. Plager).
- 2000 Exploring the Basin/Plateau Interface as Reflected in Lithic Technology. 53rd Northwest Anthropological Conference. Spokane (with S. Plager and M. Falkner).

- 1998 Projectile Point Typology and Chronology in Eastern Idaho: A Digital Image Analysis Approach. 26th Great Basin Anthropological Conference. Bend (with S. Plager), also 25th Idaho Archaeological Society Conference, Boise.
- 1996 Archaeological Evidence of Julian Steward's Inductive Model for the Northern Shoshoni. 25th Great Basin Anthropological Conference. Lake Tahoe (with P. Dean).
- 1995 Computer Imaging on a Budget. 22nd conference of the Idaho Archaeological Society. Boise.
- 1993 Shoshone in the Archaeological Record. 19th Conference of the Idaho Archaeological Society. Pocatello.
- 1990 Community-Based Museums: Creative Collaborative Models - The Fort Hall Project. 1990 Western Museums Conference. San Jose.
- 1988 Danger Cave Lithics. 21st Great Basin Anthropological Conference. Park City.
- 1988 Current Perspectives on the Prehistory of the Eastern Snake River Plain. 21st Great Basin Anthropological Conference. Park City (with B. L. Ringe).
- 1987 Refrigerators in the Desert: Excavations at Bobcat Cave. 14th conference of the Idaho Archaeological Society. Boise (with S. Henrikson).
- 1986 Numic Occupation of the Snake River Plain. 20th Great Basin Anthropological Conference. Las Vegas.
- 1986 Problems in Interpreting Numic Prehistory on the Snake River Plain. 20th Great Basin Anthropological Conference. Las Vegas (with B. L. Ringe).
- 1986 Late Prehistoric Occupation at Fort Hall, Idaho. 39th Northwest Anthropological Conference. Moscow (with B. L. Ringe and J. A. Jimenez).
- 1986 Intermountain Ceramics Conference. Organizer, host and moderator (with D. B. Madsen). Pocatello.
- 1985 Late Prehistoric Occupation of the Upper Snake River Basin. Utah Professional Archaeological Council Winter Symposium. Salt Lake City.
- 1985 Hunter-Gatherer Ecology in the Salmon River Mountains. 38th Northwest Anthropological Conference. Ellensburg.
- 1981 An Archaeologically Testable Model of Subsistence Organization. 46th annual meeting of the Society for American Archaeology. San Diego.
- 1980 Fremont, Sevier and Archaic Subsistence: Is There a Difference? 17th Great Basin Anthropological Conference. Salt Lake City.
- 1978 Common Post-Archaic Projectile Points of the Fremont Area. 16th Great Basin Anthropological Conference. Reno (with D. G. Weder).

Graduate Thesis Supervision

- 2007 *NAGPRA, The Sho-Ban and Intangible Properties: Ethnographic Perspectives of Natives and Non-Natives in Southern Idaho* by Wendolyn McGregor.
- 2007 *Updated Historical Ceramic Value Indices for Years 1927 to 1947* by Rachael Gruis.
- 2007 *A Comparison of the Danger Cave and Floating Island Cave Lithic Assemblages* by Amy E. Lapp.
- 2007 *Social Inequality in Death: A Case Study of a Potter's Field* by Connie Patchin.
- 2006 *Attribute Analysis of Eastgate Expanding-Stem and Parowan Basal-Notched Projectile Points* by Jo'Etta Buckhouse.

- 2004 *Archaeological Evidence of Firearms in the Snake River Plain and Surrounding Area* by Taylor S. Fielding.
- 2004 *A Paleoindian Context for the Idaho National Engineering and Environmental Laboratory* by Clayton F. Marler.
- 2004 *Trade or Transport: Occurrence of Obsidian from the Malad, Idaho Source in the Great Plains* by Randy A. Thompson.
- 2003 *A Functional Study of Northern Great Basin Arrow Points* by Michael Dean Falkner.
- 2001 *Patterns in the Distribution of Volcanic Glass Across Southern Idaho* by Sharon Plager.
- 2001 *A Look at Formalized Tool Technology and Site Function: A Great Basin Test Case* by Katherine Friedemann.
- 2000 *Prehistoric Resource Exploitation of the Caribou National Forest* by Mary Elizabeth Robertson.
- 1997 *High Altitude Prehistoric Utilization of the Uinta Mountains* by Krista L. Malmstrom.
- 1997 *Projectile Points of the Eastern Uinta Mountains* by Kelda M. Wilson.
- 1995 *Locational Analysis and Preliminary Predictive Model for Prehistoric Cultural Resources on the Idaho National Engineering Laboratory* by Brenda L. Ringe.
- 1994 *The Relationship of Two Prehistoric Sites to the Archaeology and Paleoenvironment of the Bighorn Basin, Wyoming* by William M. Harding.
- 1991 *Bobcat Cave: Evidence of Prehistoric Cold Storage on the Snake River Plain* by Lael Suzann Henrikson.
- 1989 *Prehistory of the Western Snake River Basin: An Overview* by Daniel S. Meatte.
- 1987 *Manufacturing and Use Damage on Pressure-Flaked Stone Tools* by James C. Woods.
- 1986 *The Ahvish Phase at Wahmuza and the Numic Affiliation of the Dietrich and Lemhi Phases of Southern Idaho* by Joseph Jimenez.
- 1985 *Sex Roles and Dog Biscuits: An Anthropological Study of Women, Men, and Their Dogs* by Joyce Barbara Aasen.
- 1985 *An Approach to the Archaeological Identification of Shoshonean Subsistence Territories in Southern Idaho* by William G. Reed.
- 1984 *An Archaeological Model of Settlement and Subsistence for the Central Oregon Northern Paiute* by C. Lawrence Armitage.