


United States Nuclear Regulatory Commission Official Hearing Exhibit	
In the Matter of:	POWERTECH USA, INC. (Dewey-Burdock In Situ Uranium Recovery Facility)
	ASLBP #: 10-898-02-MLA-BD01
	Docket #: 04009075
	Exhibit #: APP-011-00-BD01
	Admitted: 8/19/2014
	Rejected:
Other:	Identified: 8/19/2014 Withdrawn: Stricken:

APP-011

Resume

Michael R. Fosha: Personal Data

Home Address: 3710 West Saint Louis St
Rapid City, SD 57702
Tel: (605) 341-2572
Born: Clay Center, Kansas, USA

Work Address: State Archaeological Research Center
P.O. Box 1257
Rapid City, SD 57709-1257
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Education: Riley County High School, Riley, KS 66531
B.S. Kansas State University, Anthropology, Manhattan, KS 66506
M.A. University of Kansas, Anthropology, Lawrence, KS 66045

Professional Memberships

Society for Historic Archaeology
Nebraska Association of Professional Archaeologists
Wyoming Archaeological Society
Montana Archaeological Association
North Dakota Archaeological Association
Kansas Association of Professional Archaeologist

Plains Anthropological Association (Past Board Member)
South Dakota Archaeological Society (Director)
South Dakota Association of Professional Archaeologists
(Past Vice President)
St. George Geographical Society
Center for American Palaeolithic Research (Board Member)

Fields of Interest

Primary: Archaeology of the Plains and Midwest Settlement and Subsistence Patterns
Historic Archaeology
Geomorphology and Sedimentology
Faunal Analysis
Paleo-climatology

Late Pleistocene and Holocene Paleoecology
Lithic Procurement and Stone Tool Manufacture
Public Education

Secondary: Nautical Archaeology

Remote Sensing

Professional Skills

Faunal Identification and Analysis
Ceramic Identification and Analysis
Administration of Grants and Cultural Resource Contracts
Application of Windows and Macintosh Programs

Lithic Use-Wear and Artifact Typology
Soil Identification/Geoarchaeology
NAGPRA Review Committee Member (SARC)
Application of Remote Sensing Equipment

Research Positions

July 1988 - May 1989.

Research Assistant, Department of Anthropology. Duties included the analysis and write-up of data pertaining to National Register Test Excavations of 17 Sites at Perry Reservoir in Jefferson County, Kansas for the U.S. Army Corps of Engineers Contract DACW41-88-C-0084.

September 1989 - May 1990.

Research Assistant, Department of Anthropology. Duties included the analysis and write-up of data pertaining to National Register Test Excavations of sites in Douglas and Johnson counties, Kansas. Historic Preservation Grant # 5426-60-0708.

October 1989 - November 1989.

Research Assistant, Department of Anthropology. Duties included test excavations of deeply buried Late Pleistocene components in Jewell County, Kansas and Frontier County, Nebraska for the U.S. Bureau of Reclamation Contract #9-FC-60-01369.

August 1992-Present

Assistant State Archaeologist, State Archaeological Research Center. Research duties include the identification, mitigation and evaluation of research related sites in South Dakota. Review articles for publication for multiple publications. Review archaeological research designs for Earth Watch. Review books for multiple journals.

August 2012-Present

Adjunct faculty, Black Hills State University. Duties include teaching sub-disciplines of Anthropology at the main campus, Spearfish, SD and the University Center, Rapid City, SD.

Teaching Experience

- 1985-86 Teaching Assistant Department of Anthropology, Kansas State University. Duties included class lecture, direct discussion sessions, made and graded examinations for course in Cultural Anthropology under Dr. Martin Ottenheimer.
- 1986 Teaching Assistant Department of Anthropology, Kansas State University. Duties included instruction, counseling students, and correcting examinations under Dr. Robert Taylor.
- 1988 Anthropology 418/889. Assisted in directing graduates and undergraduates in archaeological field and laboratory methods. Course conducted for the University of Kansas/Kansas State University Summer Field School in Leavenworth County, Kansas under Dr. Alfred Johnson and Dr. Patricia O'Brien.
- 1989 Anthropology 418/889. Assisted in directing graduates and undergraduates in archaeological field and laboratory methods. Course conducted for the University of Kansas/Kansas State University Summer Field School in Leavenworth County, Kansas under Dr. Alfred Johnson and Dr. Patricia O'Brien.
- 1989 Anthropology 418/889. Assisted in directing graduates and undergraduates in archaeological field and laboratory methods and test excavations to determine site National Register Eligibility. Course conducted for the University of Kansas as part of an Historic Preservation Grant from the Kansas State Department of Historic Preservation.
- 1994 - Instructor, Big Stone Lake Archaeological Field School. Directed a three week course in archaeological method and culture history for local citizenry, teachers, college students (Black Hills State University) and Girl and Boy Scouts.
- 1997
- 1994 Teacher Rectification in Geoarchaeology. Course conducted through Augustana University, Sioux Falls, South Dakota.
- 1994 After school Enrichment Programs in Archaeology. Courses conducted for Wilson and South Canyon Elementary Schools, Rapid City, South Dakota.
- 1995- Supervisor, U.S. Army Corps of Engineers Archaeological Training Session. Trained amateur and avocational archaeologists, teachers and college students in archaeological method and cultural history.
- 1999
- 1995 Special Topics in Social Sciences 394. Special topics in bison osteology, and behavior from archaeological sites. Course conducted through South Dakota School of Mines and Technology.
- 1996 Special Topics in Social Sciences 394. Special topics in human behavior from archaeological sites. Course conducted through, South Dakota School of Mines and Technology.
- 1996 Independent Reading in Anthropology, 490, Laboratory Methods. Course conducted through, University of South Dakota.
- 1998- Archaeological Field School, Fort Pierre Chouteau. Directed a three week course in archaeological method and culture history for local citizenry, teachers, and college students (for University of South Dakota and Augustana College).
- 1999
- 2006 Plains Archaeology, for Black Hills State University, Spearfish, SD for independent study.
- 2007 Archaeological Summer Field School, for the University of South Dakota.
- 2008 Archaeological Summer Field School, for the University of South Dakota and Black Hills State University
- 2012 Adjunct Faculty, Black Hills State University. Instructor of anthropology

Public Education Activities

Geomorphology and Archaeology of the Smoky Hill River Valley, Central Kansas and the Serpent Intaglio of Central Kansas with Rolfe Mandel, Don Blakeslee, E. Arthur Bettis. An educational field trip held in conjunction with the 46th Annual Plains Conference, Wichita, Kansas, 1988.

SARC Annual Archaeological Research Project at Harding County, SD, 1993-2005 (Director/Principle Investigator).

Second-17th Annual Island in the Plains Archaeological Symposium, 1993-Present, (Coordinator)

SARC Annual Archaeological Project at Hartford Beach, Roberts County, SD, 1994-1997, 2002-2005 (Director).

Wilson School and South Canyon School After School Enrichment Program in Archaeology. Winter 1994/Spring 1995.

USACE Annual Archaeological Project (Field Supervisor) 1993-1999.

SARC Special Amateur Archaeological Project at the Licking Bison Kill Site and the Slim Buttes Site, Harding County, SD, 1996-2000 (Director/Principle Investigator).

South Dakota Archaeological Society Annual Meeting, Rapid City, SD 1997-Present (Director)

South Dakota Historical Society/USACE Volunteer Project at Fort Pierre Chouteau Fur Trade Post, Stanley County, SD 1997-2002 Outreach Program (Director/Principle Investigator).

1992-Present: Newsletter Editor for the South Dakota Archaeological Society (SDAS) and director of activities for members of the SDAS in western SD.

1992-Present: Public Archaeologist for the State Of South Dakota

2009 Time Team America, Oregon Public Broadcasting, Site Director

Professional Positions

December 2012 – Present

Adjunct Faculty Black Hills State University. Duties include teaching anthropology.

August 1992- Present

Assistant State Archaeologist State Archaeological Research Center, State Historical Society, Rapid City, South Dakota. Duties include: Public Education; Research; Outreach; Mining Review and Compliance; Assist in the duties of the State Archaeologist; Grant Writing and Administration.

February 1990 - August 1992

Archaeological Supervisor. State Archaeological Research Center, State Historical Society, Rapid City, South Dakota. Duties include: Directing the mitigation and write-up of archaeological sites; Directing archaeological evaluations, and cultural resources surveys for the South Dakota Department of Transportation.

June 1988 - May 1990

Project Director/Coordinator. Office of Archaeological Research, Museum of Anthropology, University of Kansas, Lawrence. Duties include: Writing Research Designs and Budgets and Proposals; Laboratory Director; Directing the mitigation of archaeological sites, site evaluations, cultural resources surveys and writing technical reports for various state and federal agencies.

October 1989

Principal Investigator. Archaeological Investigations at a Possible Man/Mammoth Association at Harlan County Lake, Harlan County, Nebraska for the U.S. Army Corps of Engineers.

September 1989

Archaeologist. U.S. Army, Corps of Engineers, Kansas City District.

June 1989 - August 1989

Field Director. Frontier Historical Research. Duties include: Conducting test excavations and cultural resources surveys for various state and federal agencies. Principal Investigator Steve Holen.

June 1989 - July 1989

Assistant Field Director. University of Kansas/Kansas State University Summer Field School. Principal Investigators Alfred Johnson and Patricia J. O'Brien.

March 1989

Principal Investigator. Test Excavations at 14LC1 and 14LC2, Lincoln County, Kansas.

June 1988 - July 1988

Assistant Field Director. University of Kansas/Kansas State University Summer Field School. Co-Directors Alfred Johnson and Patricia J. O'Brien.

May 1986 - June 1988

Field Director. Environmental Systems Analysis. Duties include: Laboratory Director; Directing the mitigation of archaeological sites, site evaluations, cultural resources surveys and writing technical reports for various state and federal agencies.

October 1987 - November 1987

Crew Member. Archaeological Excavation at the North Cove Site, Harlan County, Nebraska. Principal Investigator Mary Adair.

May 1984 - January 1986

Crew Member. Wichita State University. Duties Include: Conducting evaluations of archaeological sites and cultural resources surveys for various state and federal agencies. Principal Investigator Arthur Rohn.

September 1983 - December 1986

Crew Member/Field Director/Lab Director. Kansas State University. Duties Include: Field Director of cultural resources surveys, Crew Member on the mitigation of archaeological sites for state and federal agencies; Lab Director. Principal Investigator, Patricia J. O'Brien.

Papers Presented at Professional Meetings

Over 85 papers presented at professional meetings available upon request.

Publications and Technical Reports

Over 200 publications and technical reports available upon request.

References

Dr. Steve Holen, Director of the Center for American Palaeolithic Research. Curator of Archaeology (*emeritus*), Denver Museum of Nature and Science. 1120 S. Summit View Dr. Ft. Collins, CO 80525, Tel: (720) 277-2783

Dr. Rolfe Mandel, Professor of Earth Science, University of Kansas, 3739 SW Springcreek Lane, Topeka, Kansas 66610 Tel: (785) 228-0571

Jim Haug, State Archaeologist, South Dakota State Archaeological Research Center, Box 5005 Rapid City, South Dakota 57701-5005. Tel.: (605) 394-1937.

Dr. John Albanese, Consulting Geoarchaeologist, P.O. Box 1397, Casper, WY 82602, Tel.: (307) 234-1379