

## **ANDREA K.L. FREEMAN**

Department of Archaeology  
The University of Calgary  
2500 University Drive N.W.  
Calgary, AB T2N 1N4  
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### **Education**

Ph.D., Anthropology, University of Arizona, 1997  
Advisor: Dr. C. Vance Haynes, Jr. Major: Anthropology, Minor: Geosciences

Dissertation title: *Middle to Late Holocene Stream Dynamics of the Santa Cruz River, Tucson, Arizona: Implications for Human Settlement, the Transition to Agriculture, and Archaeological Site Preservation.*

M.A., Anthropology, University of Arizona, 1990  
B.A., Anthropology, Southern Methodist University, 1987  
B.B.A., Cox School of Business Administration, Southern Methodist University, 1987

### **Present Positions**

Associate Professor, Earth Sciences Program, Departments of Archaeology, Geography, and Geology & Geophysics, University of Calgary.

Adjunct Associate Professor, Department of Archaeology, University of Saskatchewan

### **Current Research**

Late Pleistocene, Early and Middle Holocene Geoarchaeology of the Northern Plains (2000 and 2005 SSHRC grants)

Compositional and Performance Characteristics of Pottery from Eastern Tigray, Ethiopia (with D. Lyons; Wenner Gren and National Geographic grants)

Erosion Patterns of Fonts on Gravestones (with Robyn Lacy, PURE Research Grant)

### **Teaching Award**

1994 Excellence in Teaching Award, University of Arizona. Top five instructors awarded (top 0.1%) by a committee comprised of administrators, faculty, and students.

### **Fellowships, Grants, and Awards**

2007 Faculty of Social Sciences Research Grant, \$1500 CDN  
2005 SSHRC Standard Research Grant, \$90,000 CDN

- 2002 Faculty of Social Sciences Research Award, University of Calgary, \$5,000 CDN  
 2002 Travel Grant, URG, University of Calgary, \$1500 CDN  
 2001 Faculty of Social Sciences Research Award, University of Calgary, \$5,000 CDN  
 2000 Research Excellence Envelope Award, University of Calgary, \$5,000 CDN  
 2000 SSHRC-Major Collaborative Research Initiative (with B. Nicholson, et al.), \$2.49 mill. CDN  
 2000 Research Grant, URG, University of Calgary, \$5600 CDN  
 2000 Travel Grant, URG, University of Calgary, \$700 CDN  
 1999 Intellectual Infrastructure Partnership Program (with B. Moorman, et al.), \$200,000 CDN  
 1999 NSERC Seed Grant, Faculty of Social Sciences, University of Calgary, \$500 CDN  
 1998 Canada Foundation for Innovation (with B. Moorman, et al.), \$200,000 CDN  
 1998 NSERC Seed Grant, Faculty of Social Sciences, University of Calgary, \$500 CDN  
 1998 Conference Grant, URG, University of Calgary, \$2,000 CDN  
 1998 SSHRC Conference Grant, \$10,000 CDN  
 1998 Starter Grant, University Research Grant, University of Calgary, \$9,880 CDN  
 1997 Research Excellence Envelope Award, University of Calgary, \$48,000 CDN  
 1997 Arizona Archaeological and Historical Society Research Grant, \$500 US  
 1995 Summer Research Grant, Graduate College, University of Arizona, \$500 US  
 1995 Graduate and Professional Student Travel Grant Fund, University of Arizona, \$300 US  
 1995 Sigma Xi Travel Fund, Arizona Chapter of Sigma Xi, \$400 US  
 1992, -93, -95 Haury Educational Fund for Archaeology, Department of Anthropology, University of Arizona, approx. \$500-600 per year US  
 1994 William Shirley Fulton Scholarship, Department of Anthropology, University of Arizona, \$600 US  
 1992 Women in Science and Engineering (WISE) Research Grant, Women's Studies, University of Arizona, \$200 US  
 1991 Kentucky Heritage Council and National Park Service Federal Grant Program (with Edward E. Smith), \$38,000 US  
 1990 Ruby Leigh Orgain Founder's Grant, Zeta Tau Alpha Fraternity, \$1500 US  
 1990 Cranwell-Smith Research Grant, Department of Geosciences, University of Arizona, \$700 US  
 1989 Edward H. Spicer Research Grant, Department of Anthropology, University of Arizona, \$400 US  
 1983 University Scholar, Southern Methodist University, \$3000 US

## **Contract Award**

Canadian Arctic Shelf Exchange Study (with Canadian Museum of Civilization 2007-2012)  
 \$18,176 for analyses of sediments from the Beaufort Sea

## **Teaching Experience**

1997- Earth Sciences Program, Departments of Archaeology, Geography, and Geology and Geophysics, University of Calgary.

### ***Formal Courses***

Introduction to Archaeology (ARKY 201)  
 The Physical Environment (GEOG 211)  
 Landform Processes and Morphology (GEOG 307)  
 Archaeology and the Media (ARKY 327.02)  
 Archaeology of the American Southwest (ARKY 317, formerly ARKY 427)  
 Soil Characteristics and Formation (GEOG/ARKY 413)  
 Introduction to Method and Theory (ARKY 451)

Fundamentals of Geoarchaeology (ARKY 453)  
Paleoindian Archaeology (ARKY 455)  
Research Methods in Earth Science (EASC 401)  
    Topics: 401.10: Developing Research Proposals  
            401.11: Human-Environment Interaction  
            401.12: Comparative Landscape Evolution

Research Project in Earth Science (EASC 501)  
Applications of Geoarchaeology (ARKY 611)

***Readings Courses***

Practical Problems in Geoarchaeology (ARKY 533.17)  
Plains Paleoenvironmental Research (ARKY603.34)  
Southwestern Archaeology Graduate Seminars (ARKY 603.04, 701.03)  
Late Pleistocene Human Adaptations in the Americas (ARKY 533.71) now Paleoindian  
Archaeology (ARKY 455)  
History of Paleoindian Archaeology Graduate Seminar (ARKY 603.75)  
Advanced North American Archaeology Graduate Seminar (ARKY 603.97)

***Other course participation***

Geography Field School (GEOG 391), Lecturer  
Department of Geography Consolidation Seminar (GEOG 591), Faculty Advisor  
Archaeometry (ARKY 517), Lecturer on Radiocarbon Dating

1995-1997: Lectures to graduate and undergraduate courses, Departments of Geosciences and Anthropology, University of Arizona and Department of Anthropology, Pima Community College.

Graduate Archaeology Core (Anth 600)  
Late Quaternary Geology (Geos 514)  
Prehistoric Peoples of the Southwest (Anth 205)

1995: Instructor, Department of Anthropology, University of Arizona.

Archaeology of North America (Anth 451)

1995: Instructor, Department of Anthropology and Archaeology, Pima Community College.

Introduction to Southwest Prehistory (Anth 205)

1994: Instructor, Department of Anthropology, University of Arizona.

Prehistoric Peoples of the Southwest (Anth 205)

1993: Instructor, Department of Education, Cleveland State University.

Instructor, Department of Anthropology and Sociology, Cuyahoga Community College.

Archaeological Field School

1990 to 1993: Teaching Associate (1992-1993), Teaching Assistant (1990-1991), Department of Anthropology, University of Arizona.

Introduction to Archaeology and Physical Anthropology (Anth 101)  
Paleoindian Origins (Anth 561)  
Archaeological Interpretation (Anth 335)  
Introduction to Cultural and Linguistic Anthropology (Anth 102)

1986: Teaching Assistant, Edwin L. Cox School of Business Administration, Southern Methodist University.

Introduction to Statistics

## **Mentoring and Advising**

### *Advisory Committees (\*supervisory role)*

#### *Archaeology*

Don Butler, PhD Candidate  
Howard J. Cyr\*, Ph.D. candidate  
Laura Roskowski,\* M.A. 2004  
Calla McNamee,\* M.A. 2003, Ph.D. 2013  
Judith Klassen, \* M.A. 2003  
Jason Gillespie, MA 2002  
Trevor Peck, Ph.D., 2001  
Marc Thompson, Ph.D., 1999  
Elizabeth Robertson, Ph.D.2006  
Christy DeMille, Ph.D., evaluation  
Luc Bouchet-Bert, M.A., evaluation  
Jason Harris, M.A., evaluation  
Latonia Hartery, M.A., evaluation  
Mitchell Hendrickson, M.A., evaluation  
Janet Blakey, M.A. candidate\*  
Robyn Lacy, B.A. candidate\* (PURE research)  
Chantelle Hug, B.Sc. (honours) candidate, 2007\*  
Lindsay Wishnowski, B.Sc. (honours), 2006\*  
Thea Green, B.Sc. (honours), 2000\*

#### *Geography*

Andrew White, M.Sc., 2002\*  
Les Jagielko, M.Sc. candidate  
Amanda Fischl, M.Sc., candidacy exam  
Jesse O'Brien, B.Sc. (honours) candidate, 2008\*

#### *Geology & Geophysics*

Ryan Minkus, M.Sc., 2006 (external to Department examiner)  
Elena Zimmerman, M.Sc., 2002 (external to Department examiner)  
Oana Cutlac, M.Sc., 2005 (external to Department examiner)

#### *Math & Statistics*

Marton Naszodi, M.Sc. candidate (external to Department examiner)

### ***Lab & Field Training of Students***

Elizabeth Robertson, Ph.D. (2006)  
Jeff Seibert, PhD (2006)  
Evelyn Siegfried, PhD (2003)  
Calla McNamee, MA (2003), PhD Candidate  
Howard Cyr, PhD Candidate  
Laura Roskowski, MA (2004)  
Jason Gillespie, MA (2002), PhD Candidate (University of Alberta)  
Judith Klassen, MA (2003)  
Andrew White, MSc (Geography), 2002, PhD Candidate (Archaeology)  
Janet Blakey, MA candidate  
Jon Hall, MA candidate (Simon Fraser University)  
Robyn Lacy, B.A. candidate (PURE research)  
Hannah Cole, B.Sc. (2011, Geography)  
Chantelle Hug, B.Sc. (honours) candidate, 2007  
Lindsay Wishnowski, B.Sc. (honours), 2006  
Jesse O'Brien, B.Sc. (honours) candidate, 2008  
Steven Simpson, BA (2008)  
Tracy Hydeman, BA (2005)  
Jason Veness, BA (2004)  
Jolene Debert, BA (2003)  
Jennifer Klassen, BA (2003)  
Nina Polujanski, BA (2006, University of Saskatchewan)  
Brennan Zimmer, BA (2006, University of Saskatchewan)

### ***Other Mentoring/Supervisory Activities***

SCIber Mentor (2005-06)

Faculty of Graduate Studies NSERC Workshop (2002)

Scholarship Workshop for Students in Archaeology (2002)

Scholarship Workshop for Students in Archaeology and Anthropology (2001)

Faculty Mentor, GEOG 591 (Consolidation Seminar in Geography), 2001

Scholarship Workshop for Students in Geography and Archaeology (2000)

Faculty Advisor, 1998 Chacmool Conference

Internship mentor, Department of Geosciences, University of Arizona and Center for Desert Archaeology (1996)

Mentor and lecturer for Women in Science and Engineering (WISE) programs for high school girls (1988-1992)

## Service

### *University*

University Scholarships Committee (1999-2002, and part of 2003-04)  
Presenter for UC 101, Earth Sciences program (1997-1999)  
TUCFA Representative for Department of Archaeology (1999-2000)

### *Arts Faculty*

Interdisciplinary Programs Academic Committee 2012-2013  
Promotion Committee 2012

### *Science Faculty*

Academic Appointment Review Committee 2011

### *Social Sciences Faculty*

Academic Review and Program Committee 2010  
Executive Council (July 2002-2006)  
Academic Appeals Committee, Chair (April 2008-July 2009), Member (July 1997-January 2000, July 2007-April 2008)  
Social Sciences Space Committee (1999-2002)  
Ad Hoc Committee on Undergraduate Program Evaluation (Fall 1998)  
Ad Hoc Committee on Research Quality Evaluation (Winter 1998)

### *Archaeology Department*

Interim Co-op Program Advisor (July-December 2006)  
Acting Head (various dates)  
Graduate Admissions Committee (1999, 2007)  
Chacmool Conference Committee (1997-1998)  
Search committee for Archaeology – Field School Director position (1998)

### *Geography Department*

Judge, 1999 Department Conference  
Search committee – GIS position (2000)

### *Geology & Geophysics Department*

Search committee – NSERC UFA position (with Biological Sciences, 2005)  
Search committee – Instructor II position (2003)  
Search committee – Instructor II position (2001)

### *Math & Statistics Department*

Search committee – Assistant Professor, Actuarial Sciences (2007)  
Search committee – Assistant Professor, Statistics (with Natural Sciences, 2007)  
Search committee – Assistant Professor, Statistics (2007)

### *Earth Sciences Program*

Search committee for Earth Sciences – Geophysics position (1998-99)  
Earth Science Colloquium Series (Chair)  
Acting Director, Earth Sciences (various dates)  
Collaborative Earth and Environmental Science Space Committee (2000)  
Program Coordinator (2011-present)

### ***Other Professional Service***

*Social Science and Humanities Research Council of Canada (SSHRC), Pre-doctoral Awards Committee, 2009-2011.*

#### *Geological Society of America*

Committee on External Awards, 2009-1010.

Joint Technical Program Committee, 2010-2011.

Chair (elected) and Webmaster, Archaeological Geology Division, 2007-2009

Vice Chair (elected) and Webmaster, Archaeological Geology Division, 2005-2007

Secretary/Treasurer (elected) and Webmaster, AGD, (2000-2004)

Editor, Archaeological Geology Division newsletter, 2000-2004

#### *Geoarchaeology: An International Journal*

Book Reviews Editor and Editorial Advisory Board, 2009-1013

#### *Society for American Archaeology*

Douglas Kellogg Award Committee, , Chair 2007-2009, Member 2004-2007

Fryxell Award Committee, 2003-2008, Chair 2007-2008

Geoarchaeology Interest Group, Co-Chair (with David Cromeens, 2001-2003).

Editor, Geoarchaeology Interest Group newsletter, 2000-2004

*MITACS College of Reviewers*, Member, 2007-present.

### ***Reviews***

Tenure review for Geology and Geophysics, University of Calgary

Promotion and Tenure review for Boise State University

Manuscript reviews for *Kiva*, *American Antiquity*, *Radiocarbon*, *Journal of Archaeological Science*, *Quaternary International*, *Canadian Journal of Earth Sciences*, *Geomorphology*, *GSA Today*, *Kansas Geological Survey*, and *Geoarchaeology: An International Journal*

Publisher requested reviews of :

Thomas and Kelly, *Archaeology* 4e

Thomas, Kelly, and Dawson, *Archaeology*, Canadian Edition

Rapp and Hill, *Geoarchaeology: An Earth Science Approach*, 2e

Dearden and Mitchell, *Environmental Change and Challenge*

Grant reviewer for *Canada Foundation for Innovation*, *MITACS*, *National Science Foundation (EAR, SBS, and Dissertation Improvement Grants)*

## **Publications**

### ***Books***

2011 *Geoarchaeology: A Laboratory Manual*. Beta Version.

***Edited Volumes (Peer-Reviewed/Refereed)***

Freeman, Andrea K.L., Kathleen Nicoll, and Vance T. Holliday (eds.)

2001 *Geoarchaeology: An International Journal* 16(1), Special Issue: Geoarchaeology in the Western Desert of Egypt. Includes "Introduction" by Freeman, Nicoll, and Holliday (pp. 3-5).

Freeman, Andrea and Vance T. Holliday (eds.)

2000 *Geoarchaeology: An International Journal* 15(6), Special Issue: North American Geoarchaeology. Includes "Dedication" by Freeman and Holliday (pp. 503-505) and "Introduction" by Holliday and Freeman (pp. 507-509).

***Peer Reviewed/Refereed***

Freeman, Andrea

n.d. Why the Ice-Free Corridor is Still Relevant to the Peopling of the New World. In *Stones, Bones, and Profiles*, edited by M. Kornfeld and B. Huckell. Forthcoming, In Review.

Freeman, Andrea

2013 The Power of Integrating Science and Humanism in Archaeology. *SACC Notes*. Forthcoming, In press.

Cyr, Howard J., C. McNamee, L. Amundson, and A. Freeman

2011 Reconstructing landscape and vegetation through multiple proxy indicators: A geoarchaeological examination of the St. Louis site, Saskatchewan, Canada, *Geoarchaeology: An International Journal* 26(2):165-188.

Lyons, D. and A. Freeman

2009 "I'm not evil": Materialising identities of marginalised potters in Tigray Region, Ethiopia, *Azania: Archaeological Research in Africa*, 44(1): 75- 93.

Pearthree, P.A., Andrea K.L. Freeman, and Jeanne Klawon

2008 Geomorphology and Geoarchaeology of Northern Growler Valley: Implications for Prehistoric Human Occupation and Landscape Changes. for the volume, *Fragile Patterns: Perspectives on Western Papagueria Archaeology*, edited by J. Altschul and A. Rankin.

Freeman, Andrea

2008 Geomorphology and Canals. In *Farming Through the Ages: 3400 Years of Agriculture at the Valley Farms Site*, SWCA Anthropological Papers.

Roth, Barbara and Andrea Freeman

2008 The Middle Archaic Period and the Transition from Foraging to Farming in the Sonoran Desert of Southern Arizona. *Kiva*

Freeman, Andrea

2006 Radiocarbon Age Estimates from the SCAPE Project: 2000-2005. *Plains Anthropologist* 51 (199):451-486. *Memoir* 38.

Gillespie, Jason, Andrea Freeman, and Eugene Gryba

2003 Early Paleoindian Projectile Point Distribution in Alberta , Canada *Current Research in the Pleistocene* 19:25-27.



Wiseman, Dion J., Garry L. Running, and Andrea Freeman  
2002 A Paleotopographic Reconstruction of Elkwater Lake, Alberta. *Géographie physique et Quaternaire* 56(2-3):279-290. In print in 2004.

Freeman, Andrea K.L.

2000 Application of High-Resolution Alluvial Stratigraphy in Assessing the Hunter-Gatherer/Agricultural Transition in the Santa Cruz River Valley, Southeastern Arizona. In press, *Geoarchaeology: An International Journal* 15(6), Special Issue: North American Geoarchaeology.

Faught, Michael K. and Andrea K. L. Freeman

1998 Paleoindian Complexes of the Terminal Wisconsin and Early Holocene. In *Paleoindian and Archaic Sites in Arizona, ca. 11,600 -1500 B.P.*, edited by Jonathan B. Mabry, pp. 33-52. Center for Desert Archaeology, Tucson.

Freeman, Andrea K.L., Edward E. Smith, and Kenneth B. Tankersley

1996 A Stone's Throw from Kimmswick: Clovis Period Research in Kentucky. In *The Paleoindian and Early Archaic Southeast*, edited by David Anderson and Kenneth Sassaman. University of Alabama Press, Tuscaloosa, pp. 385-403.

Freeman, Andrea K.L. and Gary Huckleberry

1993 Letter in response to Leach's "On the Definition of Geoarchaeology." *Geoarchaeology: An International Journal* 8(2):85-86.

Freeman, Andrea K.L. and Edward E. Smith

1992 Geoarchaeology of the Boyd Site, Western Kentucky. *Current Research in the Pleistocene* 9:121-122.

Smith, Edward E. and Andrea K.L. Freeman

1991 The Archaeological Investigation of a Series of Early Paleoindian (Clovis) Sites in the Little River Region of Christian County, Kentucky. *Current Research in the Pleistocene* 8:41-43.

### ***Other Professional Publications***

Freeman, Andrea K.L.

2011 George R. ("Rip") Rapp. Entry for *Encyclopedia of Global Archaeology*. Archaeological Science Section, edited by C. Wells and A. Simon. Springer.

Freeman, Andrea K.L. and Howard J. Cyr

2008 Final Field Report. South Saskatchewan Geoarchaeology Project, Report of Investigations Conducted under Permit No. 06-096, June 2006. Submitted to: Culture and Heritage Branch, Archaeological Resource Management Culture, Youth & Recreation, Regina, SK.

Lyons, Diane and Andrea Freeman

2007 Final Field Report On The Eastern Tigrayan Pottery Project, May 2007. Submitted to The Authority for Research and Conservation of Cultural Heritage, Addis Ababa, Ethiopia, July.

Pearthree, P.A., Andrea K.L. Freeman, and Karen A. Demsey

2001 Surficial geology and geoarchaeology of San Cristobal and Growler valleys, Barry M. Goldwater Air Force Range, Southwestern Arizona: Arizona Geological Survey

OpenFile Report 0101, 40 p., 3 sheets, scales 1:100,000 and 1:24,000.

Freeman, Andrea K.L.

2000 Geomorphology and Canals. In *Farming Through the Ages: 3400 Years of Agriculture at the Valley Farms Site in the Northern Tucson Basin*, edited by Kevin Wellman. SWCA Cultural Resource Report Number 98-226.

Freeman, Andrea K.L. and Philip A. Pearthree

2000 Geoarchaeology. In *Trade Corridors and Ethnic Boundaries: An Archaeological Survey of 12,089 acres along the Growler and San Cristobal Washes on the Barry M. Goldwater Range in Southwestern Arizona*, edited by M. Slaugther, D. Tucker and A. Lascaux. SWCA Cultural Resource Report Number 98-181.

Freeman, Andrea K.L.

1998 Appendix C: Geomorphology of the Vactor Ranch Sites. In *Archaeological Excavations on the Vactor Ranch Property in Tucson, Arizona: Hohokam Occupations of the Tack Room Site, Otis's Site, and the G.R. McGregor Site*, by Jeffrey T. Jones. Archaeology Report No. 15, Old Pueblo Archaeology Center.

Freeman, Andrea K.L.

1997 Chapter 8, The Status of the Middle Archaic in Southern Arizona. In *The Middle Archaic Occupation of the Los Pozos Site (AZ AA:12:91)*, edited by David A. Gregory. Anthropological Paper 20, Center for Desert Archaeology, Tucson.

Freeman, Andrea K.L.

1995 Canal Geomorphology: Reading the Stories of Ancient Canals. *Archaeology in Tucson* 9(4):7.

Smith, Edward E. and Andrea K.L. Freeman

1991 *Archaeological Investigations at a Series of Early Paleoindian Sites in the Little River Region of Kentucky*. Reports of Investigation 91-1, Glenn Black Laboratory of Archaeology, Indiana University.

Fournier, Patricia and Andrea K.L. Freeman

1991 El Razonamiento Analogico en Etnoarqueologia: El Caso de la Tradicion Alfarera de Mata Ortiz, Chihuahua, Mexico. *Boletin de Antropologia Americana* 23:109-118.

Freeman, Andrea K.L.

1990 Cambios estilisticos en la reproduccion de piezas ceramicas de Mata Ortiz, norte de Chihuahua, Mexico: un estudio etnoarqueologico. In *Proceedings of the Primer Congreso de Historia Regional Comparada*, Universidad Autonoma de Ciudad Juarez.

Freeman, Andrea K.L.

1990 *The Origin of a Pottery Making Tradition in Mata Ortiz, Mexico*. Master's paper, Department of Anthropology, University of Arizona.

Freeman, Andrea K.L.

1989 Projectile point analysis from Homol'ovi III. Open file report, Homol'ovi Research Program, Arizona State Museum, University of Arizona.

Freeman, Andrea K.L.

1987 Chaining American Culture: The Impact of Piñon-Juniper Chaining on Archaeological Sites. McGuire Oil and Gas Institute, Edwin L. Cox School of Business Administration, Southern Methodist University.

### ***Book Reviews***

Freeman, Andrea K.L.

2007 Review of *Practical and Theoretical Geoarchaeology*, by Paul Goldberg and Richard I. M

Freeman, Andrea K.L.

1998 Review of *River of Change*, edited by E. Charles Adams. *Geoarchaeology: An International Journal* 14(1):90-92 .

### ***Manuscripts in Preparation***

Freeman, A. n.d. "Buried Soil Profiles on Archaeological Sites in Canada."

Harlow, D., Lyons, D. and Freeman, A. n.d. "Identities of Stigma: marginalized potters and technical choices in Eastern Tigray, northern highland Ethiopia. "

Harlow, D. , Freeman, A. and Lyons, D. n.d. "Technical Choices and Experimental Analysis of Contemporary Black Wares from Eastern Tigray, northern highland Ethiopia. "

### ***Research Reports***

2010. A. Freeman. Final Report to SSHRC for SRG#410-416117.

2009. A. Freeman and H. Cyr. Final Report: South Saskatchewan Geoarchaeology Project.: ROI Permit No. 06-096. (Regina, SK: Culture and Heritage Branch, Archaeological Resource Management, Culture, Youth & Recreation).

2007. Lyons, D. and A. Freeman. Final Field Report on the Eastern Tigrayan Pottery Project, (Addis Ababa, Ethiopia: The Authority for Research and Conservation of Cultural Heritage).

### ***Technical Reports or Published Drafts***

Freeman, Andrea K.L., William H. Doelle, Mark D. Elson, and Allison Cohen Diehl

1999 *Archaeological Investigations for the Menlo Park Storm Drain Project: Prehistoric and Historic Canal Systems at the Base of A-Mountain*. Technical Report 96-14, Desert Archaeology, Inc., Tucson.

Freeman, Andrea K.L.

1998 Geomorphology and Canals. In *Archaeological Investigations at the Valley Farms Site: A Multicomponent Site in the Northern Tucson Basin, AZ AA:12:736 (draft)*, edited by Kevin Wellman, SWCA Cultural Resource Report No. 98-226, SWCA Environmental, Inc., Tucson.

Freeman, Andrea K.L., Philip A. Pearthree, and Karen A. Dempsey

1997 *Surficial Geology and Geoarchaeology of the San Cristobal and Northern Growler Valleys, Goldwater Air Force Range, Southwestern Arizona*. Report submitted to SWCA Environmental, Inc.

Lindeman, M. C. Gilman and A. Freeman

1997 *Archaeological Investigations for the Roger to Ina Reclaimed Transmission Line Project, Pima County, Arizona*. Technical Report 97-17, Center for Desert Archaeology, Tucson.

Freeman, Andrea K.L. (ed.)

1997 *Archaeological Investigations at the Wetlands Site, AZ AA:12:90 (ASM)*. Technical Report 97-3, Center for Desert Archaeology, Tucson.

Lindeman, Michael W. and Andrea K.L. Freeman

1997 *Results of Testing and Plan for Data Recovery of the CAVSARP Project Area, Avra Valley*. Technical Report No. 97-5. Center for Desert Archaeology, Tucson.

Freeman, Andrea K.L.

1996 Chapter 2, Geomorphology and Stratigraphy of the A-Mountain Project Area. In *Archaeological Investigations of the Early Agricultural Period Settlement at the Base of A-Mountain, Tucson, Arizona*, by Michael W. Diehl. Technical Report 96-21. Center for Desert Archaeology, Tucson.

Hajic, Edwin R. and Andrea K.L. Freeman

1996 Soil-geomorphic context of the Ringering Site, ROI-310 Project, Illinois. MS submitted to the Cultural Resource Management Division, University of Illinois at Urbana-Champaign.

Lindeman, Michael W. and Andrea K.L. Freeman

1996 *Archaeological Survey and Monitoring Results and a Proposed Testing Plan for Recharge Basins, Central Avra Valley Storage and Recovery Recharge Project, Pima County, Arizona*. Technical Report No. 96-16. Center for Desert Archaeology, Tucson.

Diehl, Michael W. and Andrea K.L. Freeman

1996 Chapter 3, Results of Testing. In *Further Investigations of the Rio Nuevo South Property, City of Tucson, Arizona*, by Michael W. Diehl. Technical Report 96-5. Center for Desert Archaeology, Tucson.

Freeman, Andrea K.L.

1996 *Archaeological Data Recovery Plan for the Wetlands Project*. Technical Report 96-4. Center for Desert Archaeology, Tucson.

Freeman, Andrea K.L.

1996 *Archaeological Data Recovery of Bajada Rock Features for the Los Reales Landfill Expansion Project*. Technical Report 96-3. Center for Desert Archaeology, Tucson.

Freeman, Andrea K.L.

1996 Chapter 3, Geomorphology. In *Archaeological Assessment of a Portion of the Knapp Parcel Southeast of the Confluence of the Rillito and Santa Cruz Rivers, Tucson, Arizona*, by Henry Wallace. Technical Report 96-2. Center for Desert Archaeology, Tucson.

Freeman, Andrea K.L.

1995 *Archaeological Testing of Soils Test Pits for Proposed Development of a Wetlands and Recharge Basin at AZ AA:12:90*. Technical Report 95-3. Center for Desert Archaeology, Tucson.

Grenda, Don R., Andrea K.L. Freeman, and Richard Ciolek-Torrello  
1994 *Archaeological Survey and Testing Results for the 49er's Wash Improvements Area, Pima County, Arizona*. Technical Report 93-3. Statistical Research, Tucson.

### ***Additional Professional Obligations from CRM***

Production of more than three dozen letter reports (generally 2-10 pages in length).

Production of several proposals, plans of work, and methodological statements.

Consultation with native tribes regarding NAGPRA and other legislative responsibilities.

## **Conferences Organized**

1999 *Festschrift for C. Vance Haynes, Jr.*, Conference held at the Marriott Hotel, Tucson, Arizona. Conference co-organized by Bruce Huckell, David Meltzer, and Vance Holliday, September 23-25, Tucson.

1998 *On Being First: Cultural Innovations and Environmental Consequences of First Peoplings*. Department of Archaeology, University of Calgary. Conference co-organized by Chacmool Conference Committee, November 11-15, Calgary.

## **Symposia Organized**

2010 *Recent Contributions of Geoarchaeological Theory and Method to Archaeological Interpretation*. Canadian Archaeological Association Annual Meeting, with D. Butler and H. Cyr.

2006 *Reconstructing Landscape Contexts of Human Occupation Surrounding Wetlands*, Technical Session 126, Annual Meeting of the Geological Society of America, October (with Catherine Yansa).

2000 *Moving North or Heading South: Recent Paleoindian Research Along the Inland Corridor*. Symposium held at the Society for American Archaeology meeting, April (co-organized by Jason Gillespie).

1995 *Pleistocene - Holocene Shorelines and Channel Margins: The Geoarchaeological Context of Human Entry into Eastern North America*, Symposium held at the 60<sup>th</sup> Annual Meeting of the Society for American Archaeology, May 5, 1995, Minneapolis, MN. Co-organizer: Michael Faught.

## **Papers Presented**

### ***Invited Papers***

Freeman, Andrea 2011. Why the Ice Free Corridor is Still Relevant. Paper presented at the SAA Annual Mtg., Memphis, TN. Special Session in honor of George Frison and Vance Haynes.

Freeman, Andrea. 2011. Science and Humanism in Archaeology. Presented at the SACC forum, American Anthropological Association, Montreal, QC.

Freeman, Andrea. 2010. Space, Time and the River: Complex Response and Generational Memory Among Prehistoric Foragers in the Santa Cruz River Valley, Arizona. Paper presented at CAA Annual Mtg., Calgary.

Freeman, Andrea 2008. Application of Micromorphological and Chemical Techniques on Buried Prehistoric Soils in Canada. Paper presented at Fryxell Symposium, SAA Annual Mtg., Vancouver. Sole author.

Freeman, Andrea 2008. Prehistoric Landscapes and Weakly Developed Soils. Paper presented in the session titled "Soils as Components of Archaeological Landscapes" at the Joint Annual Mtg. GSA, SSSA, Amer. Soc. Agronomy, Crop Sci. Soc. Amer., Gulf Coast Assn of Geol. Soc., and Gulf Coast SEPM, Houston, TX. Sole author.

Freeman, Andrea 2008. Application of Micromorphological and Chemical Techniques on Buried Prehistoric Soils in Canada. Paper presented at the Fryxell Symposium in Honor of Paul Goldberg, Society for American Archaeology meeting, Vancouver, 2008.

Freeman, Andrea and Darren Sjogren. 2005. A Finer Look at the Nature of Deglaciation. Paper presented at the Annual Meeting of the Plains Anthropological Society, Edmonton, AB, October in a session titled, *North-South Interactions and Early Paleoindian Mobility*, organized by Jack Ives and Jason Gillespie.

Freeman, Andrea K.L. and Judith Klassen. 2003. Ephemeral Landscapes, Incipient Soils: Gaining a Better Understanding of Site Occupation and Land Use in Highly Dynamic Environments. Fryxell Symposium in Honor of George "Rip" Rapp, Society for American Archaeology Annual Meeting.

Freeman, Andrea K.L. 2003. Recent Advances in Understanding the Geoarchaeology of the Peopling of the Ice-Free Corridor. Geological Society of America Annual Meeting, Pardee Keynote Symposium titled, *The Peopling of the New World*, for presentation at the Geological Society of America annual meeting, Seattle. Organized by Vance T. Holliday on behalf of the Archaeological Geology Division.

Wiseman, Dion J., Garry L. Running and Andrea Freeman 2002. Catastrophes are good: the case of landslides and resulting resource mosaics in the Cypress Hills, Alberta. Paper presented at the 2002 Chacmool Conference, Calgary, in the session titled: *eSCAPE the Prairies: Catastrophes as Factors in the History and Development of the Prairie Landscape*, organized by Gerald Oetelaar and B.A. Nicholson.

Freeman, A., Running, G.L., and Havholm, K. 2002. Soils and geomorphological data from archaeological sites in the Saskatchewan Forks region: implications for late Holocene environmental response. Paper to be presented in the Special Session titled *Great Plains Geomorphology and Environmental Change*, organized by S. Wolfe, A. Aitken, and D. Sauchyn at the 2002 Annual Joint Meeting of the Geological Association of Canada and Mineralogical Association of Canada.

Wiseman, D. J., Running IV, G. L., Freeman, A., and Klassen, J. 2002. A GIS Approach For Evaluating Alternative Physiographic Reconstructions of the Elkwater Lake Drainage Basin. Paper to be presented in the Special Session titled *Great Plains Geomorphology and Environmental Change*, organized by S. Wolfe, A. Aitken, and D. Sauchyn at the 2002 Annual Joint Meeting of the Geological Association of Canada and Mineralogical Association of Canada.

Freeman, A. and Roskowski, L. 2002. Geoarchaeology and fluvial geomorphology of the Below Forks site, Saskatchewan. Paper to be presented in the Special Session titled *Geoarchaeology and Paleoenvironment in the Canadian Plains: Lessons from Landscapes of Diversity*, organized by D. Meyer at the 2002 Annual Joint Meeting of the Geological Association of Canada and Mineralogical Association of Canada.

Running IV, G. L., Wiseman, D., Freeman, A., and A. Beaudoin 2001. Bridging the Site and Regional Scales: The Role of Geoarchaeological Investigations in SCAPE Project Research. Paper presented in the session, *Adapt and Overcome: Human-Environment Interaction in the Canadian Prairies Ecozone*, organized by B. Nicholson and G. Oetelaar. Annual Chacmool Conference, Calgary.

Freeman, Andrea K.L., M.J. Boyd, A. Beaudoin, G.L. Running, and D. Wiseman 2001. Integrating Site- and Local-Scale Archaeological and Geoscientific Data on the Northern Plains. Paper presented in the session, *Adapt and Overcome: Human-Environment Interaction in the Canadian Prairies Ecozone*, organized by B. Nicholson and G. Oetelaar. Annual Chacmool Conference, Calgary.

Freeman, Andrea, G.L. Running, IV, A. Beaudoin, D. Wiseman 2001. Site and localscale processes at the Stampede Site, Cypress Hills, Alberta and the Below Forks Site, Saskatchewan. Presented in the session titled: *Landscapes and People on the Canadian Prairies: the "SCAPE" Project*, organized by B. Nicholson. Canadian Archaeological Association, Banff.

Running, Garry L., IV, A. Freeman, D. Wiseman, A. Beaudoin, M. Boyd 2001. LocalScale Geoarchaeological Investigations at the SCAPE Project Localities in Manitoba: The Influence of Pleistocene Landforms and Deposits on Holocene Geomorphic Processes. Presented in the session titled: *Landscapes and People on the Canadian Prairies: the "SCAPE" Project*, organized by B. Nicholson. Canadian Archaeological Association, Banff.

Freeman, Andrea K.L. and Garry L. Running 2000. Site- and local-scale colluvial processes at the Stampede archaeological site, Cypress Hills, AB. Paper presented in the symposium sponsored by the Archaeological Geology Division and the Quaternary Geology and Geomorphology Division, titled *Geoarchaeology of Colluvial Landscapes*, organized by D. Cremeens, Annual Meeting of the Geological Society of America, November, Reno, NV.

Running, Garry L., Andrea K.L. Freeman, Dion Wiseman, and Alwynne Beaudoin 2000. Site and Local-Scale Geoarchaeological Investigations at the SCAPE Study Localities: Methods and Results of Preliminary Reconnaissance. Paper presented to the Joint Midwest Archaeological and Plains Anthropological Conference, St. Paul MN, November 9-12.

Wiseman, Dion, Garry Leonard Running IV, Andrea Freeman and Brent N. Joss 2000. Applications of GIS, Remote Sensing and GPS Technology for Geoarchaeological and Ethnohistorical Investigations at SCAPE Study Localities: Methods and Progress Reports. Paper presented to the Joint Midwest Archaeological and Plains Anthropological Conference, St. Paul MN, November 9-12.

Freeman, Andrea K.L. 2000. Developing Better Chronologies for Archaeology. AMS Workshop: Applications of Ion Beams for AMS, PIXIE, RBS, etc., Prince George, British Columbia May 26-27, 2000. Sponsored By the Physics Program, UNBC and The Science Council of British Columbia.

Pearthree, Philip A. and Andrea K.L. Freeman 2000. Surficial Geology and Geoarchaeology of Growler Valley, Goldwater Air Force Range, Southwestern Arizona. 44<sup>th</sup> Annual Meeting of the Arizona-Nevada Academy of Science. University of Arizona, Tucson, 14-15 April.

Gillespie, Jason and Andrea Freeman 2000. Living North of the 49<sup>th</sup>: Paleoindian Settlement Patterns in Alberta, Canada. Paper presented in the symposium *Moving North or Heading South: Recent Paleoindian Research Along the Inland Corridor*, Annual meeting of the Society for American Archaeology, April.

Freeman, Andrea K.L. 1999. The Effect of High- and Low-Resolution Documentation of Alluvial Stratigraphy on Geoarchaeological Interpretive Frameworks for Large River Valleys in Southern Arizona. Paper presented at the 1999 Annual Meeting of the Society for American Archaeology. Geoarchaeology Interest Group Sponsored Symposium: *The Geoarchaeology of Big River Valleys*. Organized by Julie Stein, Sarah Sherwood, and Edwin Hajic.

Freeman, Andrea K.L. 1999. The Changing Scale of North American Geoarchaeology. Paper presented in *Session 3: Quaternary Geology and Geoarchaeology*, A Celebration in Honor of Vance Haynes, Marriott Hotel, Tucson, AZ.

Freeman, Andrea K.L. 1997. Stream Dynamics and Human Subsistence-Settlement Changes along the Santa Cruz River During the Middle to Late Holocene. Paper presented at the 1997 Annual Meeting of the Geological Society for America. Theme session title: *Arroyos: Hydroclimatology, Quaternary Geology, and Riverine Processes*. Quaternary Geology and Geomorphology Division Sponsored Symposium.

Freeman, Andrea K.L. 1997. Canal sedimentation in Tucson. Paper presented to Arizona Archaeological Council, Tucson, Arizona.

Freeman, Andrea K.L. 1995. We're not in Kansas Anymore: The Search for a Yellow Brick Road of Human Entry into Eastern North America. Paper presented at the 60<sup>th</sup> Annual Meeting of the Society for American Archaeology, May 5, 1995, Minneapolis, MN. Symposium titled: *Pleistocene - Holocene Shorelines and Channel Margins: The Geoarchaeological Context of Human Entry into Eastern North America*, co-organized by Andrea Freeman and Michael Faught.

Freeman, Andrea K.L. 1994. Geoarchaeological Approaches to Paleoindian Studies: Like Water for Chocolate? Paper presented at the 59<sup>th</sup> Annual Meeting of the Society for American Archaeology, Anaheim, CA. Symposium: *A Rocky Past: Interdisciplinary Paleoindian Research*, organized by Kenneth Tankersley.

Hajic, Edwin R. and Andrea K.L. Freeman 1994. Stratigraphic and Geomorphic Investigations at the Paleo Crossing Site, Ohio. Paper presented at the 59<sup>th</sup> Annual Meeting of the Society for American Archaeology, Anaheim, CA. Symposium: *Expanding the Paleoindian Universe: New Data from Eastern North America*, organized by Kenneth Tankersley.

Freeman, Andrea K. L. and Edward E. Smith 1991. Archaeological Investigations of the Little River Paleoindian Site Complex, Christian County, Kentucky: The 1990 Field Season. Paper presented at the 56<sup>th</sup> Annual Meeting of the Society for American Archaeology. Symposium: *Evaluating Models of Early Paleoindian Foraging Behavior*.

Freeman, Andrea K. L. and Edward E. Smith 1991. Geoarchaeology of the Boyd site (15 Ch 236), Western Kentucky. Paper presented at the Southeastern Archaeological Conference, Jackson, Mississippi. Symposium organized by Dan Morse.

Freeman, Andrea K. L. and Edward E. Smith 1991. The Western Kentucky Paleoindian Project: Season 1. Paper presented to the Kentucky Heritage Council, Bowling Green, Kentucky.



Freeman, Andrea K. L. 1989. Etnoarqueologia en Mata Ortiz, Chihuahua, Mexico. Paper presented at the Primer Congreso de Historia Regional Comparada, Ciudad Juarez, Mexico.

### ***Volunteered Papers***

Freeman, Andrea and D. Walde. 2009. Geoarchaeological and terrain analysis of Cluny fortified village, south central Alberta. Paper presented at the GSA Annual Mtg., Portland, OR. *GSA Abstracts with Programs* 41(7):564.

Cyr, H., C. McNamee, L. Amundson and A. Freeman. 2009. A Geoarchaeological Examination of the St. Louis Site: Reconstructing Landscape and Vegetation through Multiple Proxy Indicators. Poster presented at the CAA Annual Mtg., Thunder Bay, ON.

Cyr, H., C. McNamee, L. Amundson and A. Freeman. 2009. A Geoarchaeological Examination of the St. Louis Site: Reconstructing Landscape and Vegetation through Multiple Proxy Indicators. Poster presented at the Developing International Geoarchaeology conference, Hamilton, ON.

Cyr, Howard, C. McNamee, L. Amundson, and A. Freeman 2008. A Geoarchaeological Examination of the St. Louis Site: Reconstructing Landscape and Vegetation through Multiple Proxy Indicators. Paper presented at the AGM and Conference of the Sask. Arch. Soc., Saskatoon, SK. CA: CYR, H., MCNAMEE, C., AMUNDSON, L. and FREEMAN. Cyr and McNamee did the majority of the work on this presentation and the presentation itself.

Lyons. D. and A. Freeman 2008. "I'm not evil": pots and the politics of poverty in eastern Tigray. Paper presented at Society for American Archaeology meeting, Vancouver, 2008.

Cyr, Howard, C. McNamee, A. Freeman, and L. Amundson 2008. Paleoenvironmental data from the St. Louis site, central Saskatchewan. Paper presented at Society for American Archaeology meeting, Vancouver, 2008.

Freeman, Andrea, Jon Hall, David Meyer, and Butch Amundsen 2006. Paleoindian Occupation of the South Saskatchewan River Valley. Paper presented at the 71<sup>st</sup> Annual meeting of the Society for American Archaeology, San Juan, Puerto Rico

Meyer, David and Andrea Freeman 2006. Post-Glacial Landscape and Agate Basin Colonization of Central Saskatchewan. Canadian Archaeological Association Annual Meeting, Toronto.

Freeman, Andrea, Running, Garry L., Klassen, Judith, and Roskowski, Laura 2004. Annelids on Archaeological Sites in Canada." Canadian Archaeological Association Meeting, Winnipeg.

Wiseman, Dion J., Running, Garry L. and Freeman, Andrea. 2002. 'A GISbased Reconstruction of Elkwater Lake, Cypress Hills, Alberta'. Paper Presentation, Annual Meeting of the Prairie Division of the Canadian Association of Geographers, Neepawa, MB. September 27-29, 2002.

Freeman, Andrea K. L. 1993. Report of 1991 and 1992 Field Seasons in Western Kentucky. Paper presented at the 58<sup>th</sup> Annual Meeting of the Society for American Archaeology, St. Louis, Missouri.

Freeman, Andrea K. L. 1992. Engendering the Past. Paper presented at the American Anthropological Association meetings, San Francisco, California.

Freeman, Andrea K. L. and Patricia Fournier 1991. La Nueva Ceramica de Casas Grandes: Consideraciones Etnoarqueologicas sobre la Alfareria de Mata Ortiz, Chihuahua. Paper presented at the 64<sup>th</sup> Annual Pecos Conference, Casas Grandes, Mexico.

***Miscellaneous: Public Lectures, Interviews, Websites, and Videos***

- 2011 Science Café: Archaeology and Popular Culture, Ironwood Stage and Grill, Calgary (with K. Reese-Taylor).
- 2011 Interview. CBC Radio "Eyeopener" Program.
- 2010 Webpage for Archaeological Geology Division (with L. Murphy): [rock.geosociety.org/arch](http://rock.geosociety.org/arch)
- 2010 Interview. GlobeTrekker Video produced by Pilot Film Productions and Subaru. [http://www.youtube.com/watch?v=5t\\_VN1DwNKU](http://www.youtube.com/watch?v=5t_VN1DwNKU)
- 2008 Discussant. Canadian Archaeological Association.
- 2006 Roundtable Luncheon on Geoarchaeology. Society for American Archaeology Meeting, Puerto Rico.
- 2006 COSWA Forum on Women in Archaeology. Society for American Archaeology Meeting, Puerto Rico.
- 2003 Gaining a Better Understanding of Site Occupation and Land Use in Highly Dynamic Environments, Department of Anthropology, University of Wyoming.
- 2002 Speaker/thinker, Canadian Society of Petroleum Geologists, Calgary.
- 2002 "Interdisciplinary Studies in Geoarchaeology." Forum sponsored by the SAA Student Affairs Committee.
- 2001 "Home on the Range? Geoarchaeology on the Northern Plains." Paper given to the QUATS Talk Series, University of Calgary.
- 1999 "Time, Space, and the River: The Suitability of High-Resolution Documentation of Alluvial Stratigraphy for Geoarchaeological Interpretive Frameworks." Paper given in the Geoarchaeology Visiting Speaker Series, Department of Anthropology, University of Edmonton, Jan. 29.
- 1999 "Geoarchaeology: Method, Theory, and Education." Discussion seminar co-led by Charles Schweger, Department of Anthropology, University of Edmonton, Jan. 29.
- 1999 "Fieldtrip to Late Pleistocene and Early Holocene Sites in the Calgary Area." 31<sup>st</sup> Annual Chacmool Conference. Organizer and host.
- 1998 "Middle to Late Holocene Stream Dynamics of the Santa Cruz River, Tucson, Arizona." Paper given to the QUATS Talk Series, University of Calgary.
- 1998 "Geoarchaeology." COSWA Roundtable Breakfast for Women in Archaeology.
- 1993-1996 Field tours of San Pedro Valley Paleoindian sites for Arizona Archaeological and Historical

Society, scholars, and members of the media.

## **Other Professional Experience-Geosciences**

- 1993-1998 Consulting Geoarchaeologist.
- 1996 (January-July) Project Scientist/Geoarchaeologist, Geraghty & Miller, Inc., Phoenix, Arizona.
- 1994 to 1995 Laboratory Supervisor, University of Arizona Palynological Laboratory. Great Salt Lake Project and various archaeological projects. Dr. Owen K. Davis, director.
- 1993 Geomorphologist, ROI-310 Project, University of Illinois at Urbana-Champaign.
- 1993 Palynological Laboratory Assistant, Department of Geosciences, University of Arizona, Tucson. Dr. Owen K. Davis, director.

## **Other Professional Experience-Archaeology/Anthropology**

- 1994-1998 PD/Geoarchaeologist, Desert Archaeology, Inc., Tucson, Arizona.
- 1993 (June-August) Field Director, Paleo Crossing Summer Field School, Cleveland Museum of Natural History, Cleveland, Ohio, and adjunct faculty with Cleveland State University (Department of Education) and Cuyahoga Community College (Department of Sociology and Anthropology). Dr. David Brose and Dr. N'omi Greber, principal investigators.
- 1993 Archaeologist (part-time), Statistical Research, Tucson, Arizona. Jeff Altschul, president.
- 1992 (October-December) Principal Investigator, Engendering Prehistory Project, funded by Women in Science and Engineering (WISE).
- 1992 (May-August) Crew Chief, Homol'ovi Research Program, Homol'ovi II Earthwatch Program, Arizona State Museum, University of Arizona, Tucson. Dr. E. Charles Adams and Dr. Richard C. Lange, directors.
- 1991 to 1992 Principal Investigator, Western Kentucky Archaeological Project, Indiana University, Bloomington, Indiana. Dr. Edward E. Smith and Dr. Christopher Peebles.
- 1991 (June 7-21) Graduate Assistant, Lone Wolf Creek/Scharbauer Site Rediscovery Project, Southern Methodist University, Dallas, Texas. Dr. David J. Meltzer.
- 1989 to 1991: Research Assistant, Homol'ovi Research Program, Arizona State Museum, University of Arizona, Tucson. Dr. E. Charles Adams, director. Lithic and ceramic specialist.
- 1990: Field Supervisor, Western Kentucky Archaeological Project, Indiana University Bloomington, Indiana. Drs. Edward E. Smith and Christopher Peebles, directors.
- 1990-1991: (May 15-30) Area Supervisor, Homol'ovi Research Program Mitigation Project for Homol'ovi State Parks. Dr. E. Charles Adams and Lisa Young, directors.

- 1988-1990: Palanganas Ethnoarchaeological Project, M.A. Research funded by the Edward H. Spicer Fund, Department of Anthropology, University of Arizona, Tucson. Dr. William Longacre, Advisor.
- 1989: (August) Graduate Assistant, Mustang Springs Archaeological Project, Southern Methodist University, Dallas, Texas. Dr. David Meltzer, director.
- 1989 (May-July) Graduate Assistant, Fouilles Prehistoriques de la Quina, France, University of Arizona, Tucson. Drs. Arthur Jelinek and Andre Debenath, directors.
- 1989 (February-April) Field Archaeologist, Marana Mounds Project, Arizona State Museum, University of Arizona, Tucson. Dr. Paul Fish, director.
- 1988 to 1989 Research Assistant, Ethnographic Collections, Arizona State Museum, University of Arizona, Tucson. Dianne Dittmore, Supervisor.
- 1988 (June-August) Field Archaeologist, Los Morteros Excavation, Institute for American Research. Henry Wallace, director.
- 1988 (May) Field Archaeologist, The Chambers Group, Inc., Santa Ana, California. Phil DeBarros, director.
- 1987 (June-August) Field Archaeologist, Mustang Springs Archaeological Excavation, Southern Methodist University, Dallas, Texas. Dr. David Meltzer, director.
- 1986 (June-August) Undergraduate Student/Assistant, Pot Creek Pueblo, Southern Methodist University Field School at Fort Burgwin Research Center, Ranchos de Taos, New Mexico. Dr. Patricia Crown, professor.

## **Professional Affiliations**

Society for American Archaeology  
 Geological Society of America  
 American Quaternary Association  
 Academic Women's Association  
 Canadian Archaeology Association  
 Geological Association of Canada, Fellow

## **Research Interests**

Geoarchaeology; Paleoindian and Archaic archaeology in the American Southwest, eastern North America, and the northern High Plains; fluvial geomorphology and Holocene climate change in the American Southwest and northern Mexico; geoarchaeology of the northern Plains.

## **Languages**

Spanish and French: Reading and Speaking Ability  
 German and Russian: Limited Speaking Ability

## **Special Skills**

Palynomorph extraction and analysis  
Soil and sedimentological analyses  
Radiocarbon sample preparation  
Field techniques in geoarchaeology

## **Hobbies and Extracurricular Activities**

Mountain Biking (Executive Board Member, Elbow Valley Cycle Club & Member, Alberta Bicycle Association, Volunteer Leader, Calgary Outdoor Club)  
Canadian Association of Disabled Skiers, CADS certified Level 1 Instructor (Calgary, Deaf group)  
Kananaskis Trail Users Association, Liason to Elbow Valley Cycle Club  
Cross-country skiing  
Swim Alberta Level 1 Official

\*NOTE: *Current Research in the Pleistocene* is reviewed by a panel of Associate Editors. They consider themselves a peer-reviewed publication, but the short contributions are not peer-reviewed in the conventional sense.