

## CURRICULUM VITA

February 2008

### **DAVID WILLIAM MAY**

Professor of Geography  
Department of Geography  
University of Northern Iowa  
Innovative Teaching and Technology Center 205  
Cedar Falls, Iowa 50614-0406

### **EDUCATION**

Ph.D. (1986) University of Wisconsin, Madison (Geography)  
M.A. (1981) University of California, Davis (Geography)  
B.G.S. (1978) University of Kansas, Lawrence (General Studies)

### **ACADEMIC EMPLOYMENT**

2005-2006: Interim Head, Department of Geography, University of Northern Iowa  
2004 (Spring): Acting Head, Department of Geography, University of Northern Iowa  
2002-present: Professor, Department of Geography, University of Northern Iowa  
1990-2002: Associate Professor, Department of Geography, University of Northern Iowa  
1985-1990: Assistant Professor, Department of Geography, University of Northern Iowa

### **AWARDS**

Regents Award for Faculty Excellence (Iowa Board of Regents): 2001  
Class of 1943 Faculty Award for Excellence in Teaching (University of Northern Iowa): 2000  
Outstanding Teaching Award (U. of Northern Iowa, College Social and Behavioral Sciences): 2000  
Warren Nystrom Award (first place) (Association of American Geographers): 1988  
Outstanding Teaching Assistant Award (University of California-Davis): 1980

### **RESEARCH MANUSCRIPTS IN PRESS**

Hill, M.G., May, D.W., Rapson, D.J., Boehm, A.R., and Otarola-Castillo, E. (2007). Faunal Exploitation by Early Holocene Hunter/Gatherers on the Great Plains of North America: Evidence from the Clary Ranch Sites. *Quaternary International*. (In press).

### **REFEREED RESEARCH PUBLICATIONS**

Hill, M.G., May, D.W., Rapson, D.J., Loebel, T.J., and Theler, J.L. (2007). 2006 Investigations at the O.V. Clary Site, Ash Hollow, Garden County, Nebraska. *Current Research in the Pleistocene* 24, 100-102.

May, D. W. (2007). Landforms, Alluvial Stratigraphy, and Radiocarbon Chronology at Selected Paleoindian Sites Around Medicine Creek Reservoir. In "The Allen Site: A Paleoindian Campsite in Southwestern Nebraska" (Douglas Bamforth, Ed.), pp. 17-46. University of New Mexico Press, Albuquerque.

- Johnson, W.C., Willey, K.L., Mason, J.A., and May, D.W. (2007). Stratigraphy and Environmental Reconstruction at the Middle Wisconsinan Gilman Canyon Formation Type Locality, Buzzard's Roost, Southwestern Nebraska, U.S.A. *Quaternary Research* 67, 474-486.
- Muniz, M.P., Holen, S.R., and May, D.W. (2007). Results of Recent Survey Along the Arikaree River Drainage, Eastern Colorado. *Southwestern Lore* 73, 1-37.
- Hill, M.G., May, D.W., and Rapson, D.J. (2006). A New, Stratified Late-Paleoindian Locality on the Clary Ranch, Ash Hollow, Garden County, Nebraska. *Current Research in the Pleistocene* 23, 124-125.
- Johnson, W.C., May, D.W., Holen, S.R., and Willey, K.L. (2006). Magnetic Expression of the Late Pleistocene La Sena Mammoth Site, Southwestern Nebraska. *Current Research in the Pleistocene* 23, 187-189.
- May, D. W., and Holen, S. R. (2005). Stratigraphy at the Jensen Mammoth Site in the Central Platte River Valley, Dawson County, Nebraska. *Current Research in the Pleistocene* 22, 87-89.
- Splinter, D. K., Dahms, D. E., and D. W. May (2005). Soils and geomorphology of the lower Little Cedar River Valley, Northeast Iowa. *Physical Geography* 26, 52-68.
- May, D. W. (2004). Age of Peoria Loess and Sand in Todd Valley, Lower Platte River Basin, Nebraska. *Current Research in the Pleistocene* 21, 122-124.
- May, D. W. (2003). Properties of a 5500-year-old flood plain in the Loup River Basin, Nebraska. *Geomorphology* 56, 243-254.
- May, D. W., and Holen, S. R. (2003). Late-Wisconsin and Holocene eolian stratigraphy at a buried Paleoindian site along the South Platte River Valley, Nebraska, U.S.A. *Geoarchaeology: An International Journal* 18, 145-159.
- Hill, M. G., Hill, M. E., Jr., May, D. W., Myers, T. P., Rapson, D. J., Sellet, F., Theler, J. L., and Todd, L. C. (2002). 2001 investigations at the Clary Ranch site, Nebraska. *Current Research in the Pleistocene* 19, 32-34.
- May, D.W. (2002). Stratigraphic studies at Paleoindian sites around Medicine Creek Reservoir. In "Seventy Years of Archaeology in the Medicine Creek Valley of Nebraska" (D. C. Roper, Ed.), pp. 37-53. University of Alabama Press, Tuscaloosa.
- Holen, S. R. and May, D. W. (2002). The La Sena and Shaffert mammoth sites: History of investigations 1987-1998. In "Seventy Years of Archaeology in the Medicine Creek Valley of Nebraska" (D. C. Roper, Ed.), pp. 20-36. University of Alabama Press, Tuscaloosa.
- Hill, M. G., Hill, M. E., Jr., May, D. W., Myers, T. P., Rapson, D. J., Sellet, F., Theler, J. L., and Todd, L. C. (2002). Paleoindian subsistence behavior at the Clary Ranch site, Nebraska, USA. *Antiquity* 76, 311-312.

- May, D. W. (2000). Geoarchaeological research in Nebraska: A historical perspective. *In* "Geoarchaeology in the Great Plains" (R. D. Mandel, Ed.), pp. 166-198. University of Oklahoma Press, Norman.
- Johnson, W. C., May, D. W., and Mandel, R. D. (1996). A data base of alluvial radiocarbon ages from the Central Great Plains (Kansas and Nebraska). *Current Research in the Pleistocene* 13, 79-81.
- May, D. W., and Holen, S. R. (1993). Radiocarbon ages of soils and charcoal in late Wisconsinan loess, south-central Nebraska. *Quaternary Research* 39, 55-58.
- May, D. W. (1992). Late Holocene valley-bottom aggradation and erosion in the South Loup River Valley, Nebraska. *Physical Geography* 13, 115-132.
- May, D. W. (1989). Holocene alluvial fills in the South Loup Valley, Nebraska. *Quaternary Research* 32, 117-120.
- May, D. W., and Holen, S. R. (1985). A chronology of Holocene erosion and sedimentation in the South Loup Valley, Nebraska. *Geographical Perspectives* 56, 8-12.

#### **TECHNICAL REPORTS OF INVESTIGATIONS SUBMITTED**

- May, D. W., and Holen, S. R. Stratigraphy and radiocarbon ages at the La Sena site. *In* The La Sena Mammoth Site, 25FT177, Volume 1: History of Investigations, Paleoecology and Stratigraphy, S. R. Holen, ed., Chapter II. U.S. Department of the Interior, Bureau of Reclamation. 21 pages + 6 tables + 7 figures.

#### **PUBLISHED TECHNICAL REPORTS OF INVESTIGATIONS**

- Holen, S. R., and May, D. W. (2007). Excavations at the Hamburger Mammoth Site, 25FT44, Medicine Creek Reservoir, Frontier County, Nebraska. Denver Museum of Nature and Science, Technical Report 2007-07. Report prepared for the Bureau of Reclamation. 21 pages.
- Holen, S. R., and May, D. W. (2007). Archaeological Survey at Lovewell Reservoir and Test Excavations at Site 14JW103, Jewell County, Kansas. Denver Museum of Nature and Science, Technical Report 2007-03. Report prepared for the Bureau of Reclamation. 19 pages.
- Holen, S. R., Muniz, M. P., and May, D. W. (2005). The 2004 Excavation at the Lovewell Mammoth Site (14JW306), Lovewell Reservoir, Jewell County, Kansas. Denver Museum of Nature and Science, Technical Report 2005-09. Report prepared for the Bureau of Reclamation. 54 pages.
- Muniz, M. P., May, D. W., and Holen, S. R. (2005). Shoreline Survey of the Swanson Reservoir, Hitchcock County, Nebraska. Denver Museum of Nature and Science, Technical Report 2005-05. Report prepared for Bureau of Reclamation. 38 pages.

- May, D. W. (2005). Geoarchaeological Survey of Red Willow Reservoir, Southwestern Nebraska. *In* "Shoreline Survey of the Red Willow Reservoir, Frontier County, Nebraska" (M. P. Muniz and S. R. Holen), pp. 68-77. Denver Museum of Nature and Science, Technical Report 2005-04.
- May, D. W. (2005). Geoarchaeology of the Arikaree River Basin. *In* "The Arikaree River Survey: Class III Survey of 3500 Acres in Kit Carson, Lincoln, and Yuma Counties, Colorado" (M. P. Muniz and S. R. Holen), pp. 93-116. Denver Museum of Nature and Science, Technical Report 2005-02.
- May, D. W. (2003). Geomorphology and alluvial stratigraphy. *In* "Central Plains Tradition Archaeology at the Palmer Locality: Features and Artifacts from 25NC29" (J. K Peterson, S. R. Holen, and D. R. Watson, Eds.), pp. 45-52. Nebraska Archaeological Survey, University of Nebraska State Museum, Lincoln.
- May, D. W. (2002). Landforms, soils, and stratigraphy in the upper North Loup River Basin. *In* "An archaeological survey of the North Loup River and Goose Creek drainages" (D. R. Watson, Ed.), pp. 14-39. Nebraska Archaeological Survey Technical Report 2002-02, University of Nebraska State Museum, Lincoln.
- May, D. W. (2000). Landforms in the South Platte and tributaries to Pumpkin Creek, and stratigraphy and landscape evolution at two sites in Keith County. *In* "An archaeological survey of the Lower South Platte River and Pumpkin Creek drainages" (D. R. Watson, Ed.), pp. 19-56. Nebraska Archaeological Survey Technical Report 00-02, University of Nebraska State Museum, Lincoln.
- Hedden, J. G., Perry, M., Anderson, M., May, D. W., and Threet, T. N. (2000). "A phase I archaeological survey of primary roads project STP-1-5(64)- 2C-52 a.k.a. PIN 94-52012-1, Johnson and Linn Counties, Iowa." Highway Archaeology Program, The University of Iowa, Iowa City, Project Completion Report v.23, n.2. 487 pages.
- May, D. W. (1999). Geoarchaeology of the lower Loup River basin and Shell Creek valley. *In* "An archaeological survey of Beaver and Shell creeks, and selected areas on the Loup and Platte rivers and tributaries" (S. R. Holen and D. R. Watson, Eds.), pp. 15-41. Nebraska Archaeological Survey Technical Report 99-03, University of Nebraska State Museum, Lincoln.
- May, D. W. (1999). Geoarchaeology of the Arcadia Diversion Dam, Middle Loup River. *In* "Phase I survey and phase II testing of archaeological sites at the Arcadia Diversion Dam lands on the Middle Loup River, Custer county, Nebraska" (S. R. Holen and D. R. Watson, Eds.), pp. 122-152. Nebraska Archaeological Survey Technical Report 99-01. University of Nebraska State Museum, Lincoln.
- May, D. W. (1998). Geomorphology of the project area. *In* "A phase I archaeological survey of Enders Reservoir, Chase County, Nebraska" (S. R. Holen and D. R. Watson, Eds.), pp. 12-33. Nebraska Archaeological Survey Technical Report 98-06. University of Nebraska State Museum, Lincoln.

- Holen, S. R., and May, D. W. (1998). "Geoarchaeology of Paleoindian and Archaic sites in Nebraska: A predictive model." Nebraska Archaeological Survey Technical Report 98-04. University of Nebraska State Museum, Lincoln. 54 pages.
- May, D. W. (1998). Geomorphology and Late Quaternary stratigraphy of the survey area. *In* "A phase I archaeological survey and phase II test excavations on Bureau of Reclamation properties at Sherman Reservoir, Sherman County, Nebraska" (S. R. Holen and D. R. Watson, Eds.), pp. 47-67. Nebraska Archaeological Survey Technical Report 98-02. University of Nebraska State Museum, Lincoln.
- May, D. W. (1996). Geomorphological investigations of selected areas in the Cedar River valley along the proposed route of Highway U.S. 218 in northeast Iowa. *In* "A phase I archaeological survey of primary roads project NHS-218-8(39)--19-09, a.k.a. PIN 91-09020 1 and 2 and PIN 91-19500-1, Bremer, Chickasaw, and Floyd Counties, Iowa" (K. K. Hirst, Ed.), Appendix A, pp. 1-58. Highway Archaeology Program, The University of Iowa, Iowa City, Project Completion Report v.19, n.19.
- Holen, S. R., May, D. W., and Prettyman, P. M. (1996). "An archaeological and geomorphic survey of Paleoindian sites at Harlan County Lake, Harlan County, Nebraska." Nebraska Archaeological Survey Technical Report 96-01. University of Nebraska State Museum, Lincoln. 73 pages.
- Hedden, J. G. and May, D. W. (1995). "A phase I archaeological survey of primary roads project NHS-63-7(41)-19-09, a.k.a PIN 94-09040-1, Bremer and Chickasaw Counties, Iowa." Highway Archaeology Program, The University of Iowa, Iowa City, Project Completion Report v.19, n.17. 109 pages.
- Holen, S. R., Barton, T., Parks, S. M., and May, D. W. (1992). "Geoarchaeology and culture history of the central Elkhorn River Valley: A preliminary survey." Department of Anthropology Technical Report No. 92-01, University of Nebraska-Lincoln. 165 pages.
- May, D. W. (1992). "Landforms, alluvial stratigraphy, and Late-Quaternary environments in the Medicine Creek basin, southwestern Nebraska." Technical Report prepared for Department of Anthropology, University of Colorado, Boulder, and the U.S. Department of the Interior, Bureau of Reclamation, Grand Island Office, Nebraska. 45 pages.
- May, D. W. (1991). "Geoarchaeology of four sites at Lake Waconda, Kansas." Technical report prepared for the Department of Anthropology, Wichita State University, Kansas, and the U.S. Department of the Interior, Bureau of Reclamation, Grand Island Office, Nebraska. 28 pages.
- May, D. W. (1991). "Holocene fluvial landforms and alluvial stratigraphy in the Solomon River valleys, Lake Waconda, Kansas." Technical report prepared for the Department of Anthropology, Wichita State University, Kansas, and the U.S. Department of the Interior, Bureau of Reclamation, Grand Island Office, Nebraska. 21 pages.
- May, D. W. (1991). "The stratigraphic context of fractured mammoth bones at the La Sena Site (25FT177), Harry Strunk Lake (Medicine Creek Reservoir), Nebraska." Technical report prepared for the Department of Anthropology, University of Nebraska, Lincoln. 25 pages.

- May, D. W. (1990). "Stratigraphic context of fractured mammoth bones at site 25FT177." Technical report prepared for the Museum of Anthropology, University of Kansas, Lawrence. 20 pages.
- May, D. W. (1990). "The potential for buried archaeological sites along the Fullerton and Elba Canals, North Loup and Loup River valleys, Nebraska." Technical report prepared for the U.S. Department of the Interior, Bureau of Reclamation, Grand Island Office, Nebraska. 39 pages.
- Holen, S. R., and May, D. W. (1989). "Report on preliminary investigations at 25FT177: A Probable Late Pleistocene Man/Mammoth Association." Technical report prepared for the U.S. Department of the Interior, Bureau of Reclamation, Grand Island Office, Nebraska. 27 pages.
- May, D. W. (1988). Landforms in the Buffalo and French Creek drainage basins. *In* "Archeological sample survey of selected lands in the Buffalo Creek drainage, Dawson and Custer Counties, Nebraska" (R. P. Winham, S. R. Holen, E. J. Lueck, and L. A. Hannus, Eds.), pp. 10-25. Archeology Laboratory of the Center for Western Studies, Augustana College, Archeological Contract Series No. 41, Sioux Falls, South Dakota.
- May, D. W. (1986). Geomorphology. *In* "Along the Pawnee Trail: Cultural resource survey and testing at Wilson Lake, Kansas" (D. J. Blakeslee, R. K. Blasing, and H. F. Garcia, Eds.), pp. 72-86. Technical report prepared for the U.S. Army Corps of Engineers, Kansas City District, Kansas City, Missouri.

## **FIELD TRIP GUIDEBOOKS**

- May, D. W., Hill, M. G., Holven, A. C., Loebel, T. J., Raspon, D. J., Semken, H. A., and Theler, J. L. (2007). Geoarchaeology of the Clary Ranch Paleoindian Sites, Western Nebraska. Geological Society of American Field Trip Guidebook, 2007 Annual Meeting, Denver, Colorado. 47 pages.
- May, D. W., Swinehart, J. B., Loope, D., and Souders, V. (1995). Late Quaternary Fluvial and Eolian Sediments: Loup River Basin and the Sand Hills of Nebraska. *In* "Geologic field trips in Nebraska and adjacent parts of Kansas and South Dakota, parts of the 29th annual meeting of the north-central and south-central sections, Geological Society of America" (C. A. Flowerday, Ed.), pp. 13-31. University of Nebraska, Conservation and Survey Div., Guidebook No. 10, Lincoln.
- May, D. W. (1993). Soils in middle and late Holocene alluvium. *In* "INQUA Commission 6, Second International Paleopedology Symposium, field excursion, August 13-20, 1993" (W. C. Johnson, Ed.), pp. 15-1 - 15-11. Kansas Geological Survey Open-File Report 93-30, Lawrence.
- Johnson, W. C., May, D. W., and Diekmeyer, E. (1993). A 600K (?) record of loess deposition and soil development. *In* "INQUA Commission 6, Second International Paleopedology Symposium, Field Excursion, August 13-20, 1993" (W. C. Johnson, Ed.), pp. 12-1 - 12-21. Kansas Geological Survey Open-File Report 93-30, Lawrence.

**PAPER PRESENTED AT ANNUAL MEETINGS SINCE 1997 (\*presenter for multiple-authored papers)**

- May\*, D. W., Hill, M. G., Rapson, D. J., Theler, J. L., Semken, H. A., and Johnson, W. C. (2007). Two Complementary Late Paleoindian Sites Buried in Laminated Silt 9050 14C yr BP along Ash Hollow, Western Nebraska. Geological Society of America Annual Meeting, Denver, Colorado. *Abstracts with Programs* 39 (Refereed).
- May\*, D. W., Hill, M., Rapson, D. (2007). Archaeological Geology of the Clary Ranch Site (25GD106) in Ash Hollow, Nebraska. 65<sup>th</sup> Plains Anthropological Conference, Rapid City, South Dakota.
- May\*, D. W., Hill, M. G., and Rapson, D. J. (2007). Exceptional Preservation of Late Paleoindian Cultural Material on a Rapidly Aggrading Valley Floor, Ash Hollow Draw, Western Nebraska. Geological Society of America Joint South-Central and North-Central Annual Meeting, Lawrence, Kansas. *Abstracts with Programs* 39, no. 3, p. 73 (Refereed).
- Johnson\*, W. C., and May, D. W. (2007). Isotopic Expression of the Younger Dryas Event in the Central Great Plains. Geological Society of America Joint South-Central and North-Central Annual Meeting, Lawrence, Kansas. *Abstracts with Programs* 39, no. 3, p. 5 (Refereed).
- May, D. W. (2006). Early Holocene Sedimentation and Stratigraphy in Ash Hollow Draw. 64<sup>th</sup> Plains Anthropological Conference, Topeka, Kansas.
- Rapson\*, D. J., Hill, M. G., and May, D. W. (2006). Ash Hollow Draw and Late Paleoindian Settlement/Subsistence Dynamics. 64<sup>th</sup> Plains Anthropological Conference, Topeka, Kansas.
- Hill, M. G., May, D. W., and Rapson\*, D. J. (2006). Late Paleoindian Site Structure and Subsistence at the O. V. Clary Site, Western Nebraska. Society for American Archaeology Annual Meeting, Juan Juan, Puerto Rico.
- Johnson, W. C., and May, D. W. (2006). Alluvial Paleosols and the Younger Dryas of the Central Great Plains. Geological Society of America Annual Meeting, Philadelphia, Pennsylvania. *Abstracts with Programs* 38, no. 7, p. 531 (Refereed).
- Hill\*, M. G., May, D. W., Rapson, D. J., and Theler, J. L. (2006). Early Holocene Archaeology, Geoarchaeology, and Paleoecology on the Clary Ranch, Western Nebraska. Nebraska Academy of Sciences 126<sup>th</sup> Annual Meeting, Lincoln, Nebraska.
- May, D. W. (2006). Early Holocene Alluvial Sedimentation in an Ephemeral Stream Channel in Western Nebraska. Association of American Geographers, Chicago, Illinois.
- May, D. W. (2004). Evolution of river valleys in central and southern Nebraska: Middle Wisconsin to present. Geological Society of America, Denver, Colorado. *Abstracts with Programs* 36, no. 5, p. 411 (Refereed).

- May\*, D. W., and Hedden, J. G. (2004). Post-settlement alluvium, buried Holocene landforms, and archaeology in Rapid Creek Valley, eastern Iowa. Association of American Geographers, Philadelphia, Pennsylvania.
- Splinter\*, D. K., Dahms, D. E., and May, D. W. (2003). Stone lines as stratigraphic indicators: Evidence for Wisconsin alluvium in Northeast Iowa. Association of American Geographers, New Orleans, Louisiana.
- May, D. W. (2003). Late-Wisconsin alluvium in the South Loup and Other Rivers Valleys in Nebraska. Geological Society of America North-Central Annual Meeting, Kansas City, Missouri. *Abstracts with Programs*, p. 61 (Refereed).
- May, D. W. (2002). Late-Wisconsinan alluvium in the Loup River Basin, Nebraska. Geological Society of America, Denver, Colorado. *Abstracts with Programs* 34, no. 6, p. 367 (Refereed).
- May, D. W. (2002). Properties and ages of a buried floodplain in the Loup River basin, Central Nebraska. Association of American Geographers, Los Angeles, California.
- Splinter\*, D. K., Dahms, D. E., and May, D. W. (2002). Late-Wisconsin and Holocene Stratigraphy and Soils in the Lower Little Cedar River Valley, Northeast Iowa. Association of American Geographers, Los Angeles, California.
- Hill\*, M. G., Hill, M. E., May, D. W., Myers, T. P., Rapson, D. J., Sellet, F., Theler, J. L., and Todd, L. C. (2001). 59<sup>th</sup> Plains Anthropological Conference, Lincoln, Nebraska.
- May, D. W. (2001). Holocene fluvial changes in the Loup River Basin, Central Nebraska, U.S.A. 7<sup>th</sup> International Conference on Fluvial Sedimentology, Lincoln, Nebraska.
- May\*, D. W., and Holen, S. R. (2000). Paleoindian and Archaic Geoarchaeology in the South Platte River valley, Keith County, Nebraska. Geological Society of America, Reno, Nevada. *Abstracts with Programs* 32, no. 7, pp. A275-A276 (Refereed).
- Johnson\*, W. C., Willey, K. L., May, D. W., Mason, J. A., Bozarth, S. R. (1999). Chronologic, pedologic, rock magnetic, isotopic, and biologic signals from the Middle Wisconsinan Gilman Canyon loess of the Central Great Plains. Geological Society of America, Denver, Colorado. *Abstracts with Programs* 32, no. 6, p. A54 (Refereed).
- Holen\*, S. R., and May, D. W. (1998). An Archaeological Survey of Sherman Reservoir and the Arcadia Diversion Dam Area in Central Nebraska. 56<sup>th</sup> Plains Anthropological Conference, Bismarck, North Dakota.
- May, D. W. (1998). Significance of Late-Wisconsinan to Early Holocene Fluvial Events in the Loup River Basin. Nebraska Academy of Sciences 118<sup>th</sup> Annual Meeting, Lincoln, Nebraska.
- May, D. W. (1997). Holocene alluvium in the Upper Wapsipincon River Valley, northeastern Iowa. Geological Society of America, Salt Lake City, Utah. *Abstracts with Programs* 29, no. 6, p. A217 (Refereed).

May, D. W. (1997). Landforms and sediments in the upper Wapsipincon River Valley on the Iowan Erosion Surface of northeastern Iowa. Association of American Geographers, Fort Worth, Texas, p. 169.

## **INVITED PUBLIC PRESENTATIONS**

- May, D. W. Recent flooding on the Cedar River. Department of Earth Science Seminar Series, University of Northern Iowa, Cedar Falls, November 1, 1999.
- May, D. W. Post-glacial river change and Paleoindian geoarchaeology in the Loup River Basin, central Nebraska. Department of Geography, University of Kansas, Lawrence, January 29, 1999.
- May, D. W. Late Quaternary fluvial events in the Loup River basin. Department of Geology T. Mylan Stout Lecture Series, University of Nebraska, Lincoln, November 8, 1996.
- May, D. W. Two pre-Clovis archaeological sites in Nebraska: archaeology, geology, and radiocarbon ages. Black Hawk Chapter, Iowa Archaeological Society, Cedar Falls, May 4, 1995.
- May, D. W. The responses of rivers to environmental changes. An Intercollegiate Environmental Seminar Series, University of Northern Iowa, Cedar Falls, February 20, 1992.
- May, D. W. Late-Quaternary landform evolution and soil formation in the Platte River basin, Nebraska. Department of Geography Colloquium, University of Wisconsin-Milwaukee, April 19, 1989.
- May, D. W. Evolution of the South Loup River Valley during the past 30,000 years. Departments of Geography and Geology Colloquium, University of Iowa, Iowa City, September 30, 1988.
- May, D. W. Reconstruction of landscape changes in the South Loup Valley, central Nebraska. University of Northern Iowa Chapter of Sigma Xi, Cedar Falls, October 21, 1987.
- May, D. W. Fluvial terraces and buried soils in the South Loup Valley, Nebraska. Department of Earth Science Colloquium, University of Northern Iowa, Cedar Falls, February 23, 1987.
- May, D. W. Buried Holocene soils in the South Loup Valley. Department of Biology Colloquium, University of Northern Iowa, Cedar Falls, November 12, 1987.
- May, D. W. Holocene alluviation, soil genesis, and erosion in the South Loup River basin, central Nebraska. Department of Geography Colloquium, University of Illinois, Urbana, April 20, 1986.
- May, D. W. Holocene alluviation and human occupation of the South Loup Valley, Nebraska. Department of Geology Colloquium, University of Iowa, Iowa City, March 7, 1986.

## **RESEARCH SUPPORT**

Professional Development Assignment/Leave Awards (UNI): Fall 2001, Fall 1996, Fall 1991  
Summer Fellowships (UNI): 2005, 2002, 1997, 1994, 1992, 1990, 1988, 1986  
Research Award (UNI): 1988

Dean's Challenge Grants (UNI, College of Social and Behavioral Sciences): 1998, 1997, 1995, 1993, 1992, 1989  
Project Grants (UNI): 2007, 2000, 1999, 1998, 1997, 1996, 1995, 1994, 1993, 1992, 1991, 1990, 1989, 1988, 1987  
Association of American Geographers Research Grants: 1989, 1988  
Graduate School Domestic Travel Fellowship for Dissertation Research (University of Wisconsin-Madison): 1984  
Wisconsin Alumni Research Foundation Fellowship (University of Wisconsin-Madison): 1981-1982  
Graduate Research Award (University of California-Davis): 1980

## **PROFESSIONAL AFFILIATIONS**

American Association of Quaternary Scientists (1984-present)  
Association of American Geographers (1981-present)  
Geological Society of America (1986-present)  
Nebraska Association of Professional Archeologists (1986-present)  
Phi Beta Kappa (1978-present)

## **TEACHING EXPERIENCE (UNIVERSITY OF NORTHERN IOWA)**

Physical Geography (970:026)  
Environmental Change (970:028)  
Rivers (970:129g)  
Landform Analysis (970:112g)  
Climatology (970:127g)  
Soils (970:126g)  
Senior Seminar in Geography (970:180)  
Graduate Seminar: Water Resources (970:280)  
Graduate Seminar: Flooding, Floodplains, and People (970:280)  
Graduate Seminar: Environmental Issues (970:280)  
Presidential Scholars Seminar

## **PROFESSIONAL SERVICE ACTIVITIES**

### **Reviewing**

Manuscripts submitted to the following journals:

*Annals of the Association of American Geographers* (Blackwell Publishing)  
*Geoarchaeology: An International Journal* (John Wiley and Sons, Inc.)  
*Geographical Perspectives* (Department of Geography, University of Northern Iowa)  
*Geology* (Geological Society of America)  
*Geomorphology: International Journal on Pure and Applied Geomorphology* (Elsevier Science)  
*Great Plains Research: A Journal of Natural and Social Sciences* (Center for Great Plains Studies, University of Nebraska-Lincoln)  
*Palaeogeography, Palaeoclimatology, Palaeoecology* (Elsevier Science)  
*Physical Geography* (F.H. Winston and son, Inc.)  
*Plains Anthropologist* (Plains Anthropological Society)

*Professional Geographer* (Association of American Geographers)  
*Quaternary Research* (American Association of Quaternary Scientists)  
*Quaternary International* (International Quaternary Association)  
*Sedimentology*  
*The Geographical Review*

Manuscripts submitted for edited volumes, books, and monographs:

Archaeological Geology of the Archaic Period in North America (Special Paper, Geol. Soc. of America)  
Archaeological Geology of North America (Centennial Special Vol. 4, Geol. Soc. of Am.)  
Kansas Geological Survey Bulletin  
Kansas Geological Survey Technical Series  
Lubbock Lake Landmark: 50 Years of Discovery (Museum of Texas Tech University)

Textbooks and chapters for textbooks:

Pidwirny, Lemke, and Faulkner. *Understanding Physical Geography*, First Edition. McGraw-Hill, Dubuque, Iowa. (Manuscript for “Soils” chapter).  
Hidore, J. J. (1996). “Global Environmental Change: Its Nature and Impact.” Prentice Hall, Upper Saddle River, New Jersey.  
Bradshaw, M., and Weaver, R. (1993). “Physical Geography: An Introduction to Earth Environments.” Mosby-Year Book, Inc., St. Louis.  
de Blij, H. J., and Muller, P. O. (1993). “Physical Geography of the Global Environment” John Wiley and Sons.

Proposals submitted to:

National Science Foundation  
Anthropological and Geographical Sciences Program  
Geography and Regional Science Program (Division of Social and Economic Science)  
Geology and Paleontology Program (Division of Earth Sciences)  
Geologic Record of Global Change (Division of Earth Sciences)  
Iowa Science Foundation  
Kansas State University Special Group Incentive Research Awards Program

Technical reports submitted to:

Army Corps of Engineers, Rock Island, Illinois District  
Bureau of Reclamation, Grand Island, Nebraska District

Abstracts submitted for:

Geological Society of America Annual Meetings, Geoarchaeology Division Sessions.

### **Consulting to the following organizations**

Archeology Laboratory of the Center for Western Studies, Augustana College, Sioux Falls, South Dakota  
Dawson County Historical Society, Lexington, Nebraska  
Denver Museum of Nature and Science, Denver, Colorado  
Highway Archaeology Program, University of Iowa, Iowa City  
Iowa State University, Ames, (Department of Anthropology)

Museum of Anthropology, University of Kansas, Lawrence  
Nebraska State Historical Society, Lincoln  
University of Colorado, Boulder (Department of Anthropology)  
University of Nebraska, Lincoln (Department of Anthropology)  
University of Nebraska State Museum, Lincoln  
U.S. Department of the Interior, Bureau of Reclamation, Grand Island, Nebraska  
Wichita State University, Kansas (Department of Anthropology)

### **Service to the University of Northern Iowa**

Graduate Coordinator for Department of Geography MA program (1990-2003; 2004-present).  
Chair of Graduate Studies Committee, Department of Geography (1997-2003; 2004-present).  
Member of Liberal Arts Core Committee Reviewing Natural Science and Technology component (2007-2008).  
Member of Graduate Awards (McKay and Outstanding Teaching) Selection Committee (2007).  
Chair, Professional Assessment Committee, Department of Geography (2004-2005).  
Member of College of Social and Behavioral Sciences Promotion and Tenure Advisory Committee (1998; 2000; 2003).  
Faculty reviewer for the UNI College of Social and Behavioral Sciences Annual Undergraduate Research Conference (2002, 2003)  
Member of Panel, College of Social and Behavioral Sciences New Faculty Orientation (2003)  
Member of Hubbard Award for Outstanding Faculty Selection Committee (2003).  
Chair of University Outstanding Teaching and Service Award Committee (2002).  
Member of Outstanding Graduate Faculty Teaching Award Selection Committee (2001).  
Chair of Graduate Program Review Task Force, Dept. of Geography (2000)  
Graduate Advisor (thesis option) for: David Suchan (M.A. Geography, 2007); James Quinn (M.A. Geography, 2003); Tim Beermann (M.A. Geography, 2000); James Dickerson (M.A. Geography, 1999).  
Member of thesis committees for: Ryan LaFrenz (M.A. Geography, 2008); Joan Gray (M.A. Geography, 2008); Tyler Johnson (M.A. Geography, 2007); Scott Beason (M.S. Environmental Sciences, 2007); Matt Voss (M.A. Geography, 2007); Nathan Green (M.A. Geography, 2005); Jennifer Trent (M.A. Geography, 2005); Brian Bakker (M.A. Geography, 2005); James Harken (M.A. Geography, 2004); Karla Suckling (M.A. Geography, 2003); Dale Splinter (M.A. Geography, 2002); Michele Smith (M.S. Environmental Sciences, 2001); Michael Applegarth (M.A. Geography, 1997).  
Member of ad hoc Department Head Review Committee (John Johnson, History), College of Social and Behavioral Sciences (1997).  
Chair of ad hoc Department Head Review Committee (Dhirendra Vajpeyi, Political Science), College of Social and Behavioral Sciences, (1993).  
Member of Committee on University Research (1992).  
Chair of Graduate Program Review ad hoc Committee, Department of Geography (1992).  
Representative (for Department of Geography) on the College of Social and Behavioral Sciences Senate (1990-1992).  
Chair of Departmental Curriculum Committee, Dept. of Geography (1992-1993; 1990-1991).  
Member of Departmental Curriculum Committee, Department of Geography, (1990; 1998-1999; 2000-2001).  
Alternate Representative (for Dept. of Geog.) on the CSBS Senate (1989-1990).