

James P. Doerner
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Education

PhD, University of Denver, 1994.
Area of Study: Geography

MA, University of Denver, 1988.
Area of Study: Geography

BS, Oklahoma State University, 1984.
Area of Study: Geography

Professional Academic Experience

Professor, University of Northern Colorado. (2005 - Present).

Coordinator, University of Northern Colorado. (2005 - 2007).

Chair, University of Northern Colorado. (2001 - 2005).

Associate Professor, University of Northern Colorado. (2000 - 2005).

Coordinator/Co-Coordinator, Colorado Geographic Alliance National Geographic Society. (1999 - 2003).

Paleobotanist, Hacimusalar Archaeological Expedition. (2000 - 2001).

Assistant Professor, University of Northern Colorado. (1994 - 2000).

Adjunct Instructor, University of Denver. (1991 - 1994).

Hydrologic Technician, United States Geological Survey - Water Resources Division. (1989 - 1994).

Teaching Assistant, University of Denver. (1986 - 1990).

Field Assistant, Sardis Archaeological Expedition. (1989).

Researcher, Department of Natural Resources - Division of Mined Land Reclamation. (1986).

Research Assistant, University of Denver. (1984 - 1985).

Administrative Roles

Department Chair, (2014).

Department Chair, (2001 - 2007).

RESEARCH, SCHOLARSHIP, AND CREATIVE WORKS

Publications

Juried

Journal Article

- Bretfeld, M., Doerner, J., Franklin, S. (2015). Radial growth response and vegetative sprouting of aspen following release from competition due to insect-induced conifer mortality. *Forest Ecology and Management*, 347(4), 96-106.
- de Graauw, K. K., Towner, R. H., Grissino-Mayer, H. D., Kessler, N. V., Knighton-Wisor, J., Steffen, A., Doerner, J. (2014). Historical dendroarchaeology of two log structures in The Valles Caldera National Preserve, New Mexico, U.S.A. *Dendrochronologia*, 32(4), 336-342.
- Caffrey, M. A., Doerner, J. (2012). A 7000-Year Record of Environmental Change, Bear Lake, Rocky Mountain National Park, USA. *Physical Geography*, 33(5), 438-456.
- Galicki, S. J., Doerner, J. (2010). Holocene Lake Evolution in the Elmali Basin, Southwest Turkey. *Physical Geography*, 31(3), 234-253.
- Doerner, J., Linn, S., Gindele, R. (2002). The Status of Geography Education in Colorado. *International Research in Geographical and Environmental Education*, 11(2), 181-184.
- Doerner, J., Carrara, P. E. (2001). Late Quaternary Vegetation and Climatic History of the Long Valley area, west-central Idaho, U.S.A. *Quaternary Research*, 56(1), 103-111.
- Doerner, J., Carrara, P. E. (1999). Deglaciation and Postglacial Vegetative History of the West Mountains, West-central Idaho. *Arctic, Antarctic, and Alpine Research*, 31(3), 303-311.

Book Chapter

- Doerner, J. (2007). Late Quaternary Prehistoric Environments of the Colorado Front Range. In Brunswig, R.H. and Pitblado, B.L. (Ed.), *Frontiers in Colorado Paleoindian Archaeology: From the Dent Site to the Rocky Mountains* (pp. 11-38). Boulder, Colorado: University Press of Colorado.

Conference (Full Paper) Proceeding

- Diggs, D., Brunswig, R. H., Doerner, J. (2014). Eleven Millennia of Human Adaptation in Colorado's High Country: Modeling Cultural and Climatic Change in the Southern Rocky Mountains. In Sheila Lacey (Ed.), *Climates of Change: The Shifting Environments of Archaeology*. Calgary: Chacmool Archaeological Association.
- Doerner, J. (2004). Paleoenvironmental Interpretation of Holocene Records from Rocky Mountain National Park. In R.H. Brunswig and W.B. Butler (Ed.), *Ancient and Historic Lifeways in North America's Rocky Mountains: Proceedings of the 2003 Rocky Mountain Anthropological Conference, Estes Park, Colorado* (pp. 168-177). Greeley, Colorado: University of Northern Colorado, Department of Anthropology.

Flake, S., Doerner, J., Trahan, R. (2001). General Education Assessment: A Course-Embedded Model. *A Collection of Papers on Self-Study and Institutional Improvement* (pp. 273-276). Chicago, Illinois: the Higher Learning Commission of the North Central Association of Colleges and Schools.

Doerner, J., Sullivan, D. G., Briles, C. (1998). Late Quaternary Eolian Deposition in Colorado Subalpine Lakes. In A.J. Busacca (Ed.), *Dust Aerosols, Loess Soils and Global Change* (pp. 135-138). Pullman, Washington: Washington State University College of Agriculture and Home Economics, Miscellaneous Publication No. MISC0190.

Non-juried

Research Report

Rochner, M., Grissino-Mayer, H., Breeden, C., Doerner, J., Heeter, K., Montañez, C. (2017). Dendroecological Evaluation of Whitebark Pine as a Facilitator Species on Subalpine Tree Islands, Beartooth Plateau, Wyoming, U.S.A. *Speer, J.H. (ed.) Final Report for the 27th Annual North American Dendroecological Fieldweek, 38-58.*

Technical Report

Brunswig, R., Doerner, J. Report on University of Northern Colorado 2017 North Springs and East Owl Ridge Research Area Field Investigations, North Park, Colorado: Report to the Bureau of Land Management, Kremmling District. *BLM-CO-North Park Ute Trail Cultural Landscapes Study Project, 2015-2020* (pp. 170).

Brunswig, R. H., Doerner, J., Diggs, D. (2014). Phase 1 GIS Mapping of Cultural, Paleoclimatic and Paleoenvironmental Landscapes in Rocky Mountain National Park. *Report on file with Rocky Mountain National Park, National Park Service.* Estes Park, Colorado:.

Doerner, J. (2009). Holocene Environmental Change in Forest Canyon Pass, Rocky Mountain National Park. *Final Report to Rocky Mountain National Park, National Park Service, 12 p. Report on file with the Geography Program, University of Northern Colorado, Greeley, CO.*

Doerner, J. (2009). Preliminary Report on Paleoenvironmental Research from Archaeological Sites (5JA11837N7E, 5JA11839N9E, 5JA421, and 5JA1808) in North Park, Colorado. *Final Report to the Colorado Historical Society, 6 p. Report on file with the Geography Program, University of Northern Colorado, Greeley, CO.*

Diggs, D., Doerner, J., Brunswig, R. (2009). Report on a Pilot Study of Investigations into Cultural-Natural Landscapes and Ecological Patch Islands in Forest Canyon Pass, Rocky Mountain National Park. *Prepared under RM-CESU under cooperative agreement: H1200040001* (pp. 115 pages + CD). University of Northern Colorado.

Doerner, J. (2009). The Analysis of Peeled Trees from the Great Sand Dunes National Park and the Florissant Fossil Bed National Monument. *Final Report to RMC Consultants, Inc., Lakewood, Colorado, 5 p. Report on file with the Geography Program, University of Northern Colorado, Greeley, CO.*

Doerner, J. (2008). Holocene Fire History and Climate Change in Rocky Mountain National Park: Pollen and Charcoal Evidence from Bear Lake. *Final report to Rocky Mountain National Park, National Park Service, 31 p. Report on file at Rocky Mountain National Park and with the Geography Program, University of Northern*

Colorado, Greeley, CO.

Doerner, J. (2008). The Analysis of Peeled Trees from the Great Sand Dunes National Park. *Final Report to the Great Sand Dunes National Park, National Park Service, 10 p. Report on file with the Geography Program, University of Northern Colorado, Greeley, CO.*

Doerner, J. (2005). A High-Resolution Paleotemperature Record from Poudre Pass Fen, Rocky Mountain National Park, USA. *Report to Rocky Mountain National Park, National Park Service, 13 p. Report on file at Rocky Mountain National Park and with the Geography Program, University of Northern Colorado, Greeley, CO.*

Doerner, J. (2005). Chapter VII: The Paleoenvironment of the Elmall Basin. In, Özgen, I. and Garrison, M.B. (Eds.), *Excavation and Survey Conducted in the Elmall Basin, Southwestern Turkey: Preliminary Report of the 1995-2001 Field Seasons. HacImusalar Project Reports Series. Report on file with the Geography Program, University of Northern Colorado, Greeley, CO.*

Doerner, J. (2002). An Evaluation of Paleoenvironmental Research in Colorado: Implications for Research in the South Park Basin. *Final Report to the Colorado State Historical Society, State Historic Fund, 32 p. Report on file with the Geography Program, University of Northern Colorado, Greeley, CO.*

Doerner, J. (1996). An Analysis of Sediments Recovered from the Long Valley Area, West-Central Idaho. *Final Report to the United States Geological Survey, Contract No.1434-CR-96-SA-00610. 10 p. Report on file with the Geography Program, University of Northern Colorado, Greeley, CO.*

Professional Presentations

Invited

Juried

Sellet, F., Brunswig, R., Mandel, R., Doerner, J., Mayer, J., Robinson, E., Guarino, M., The Paleoamerican Odyssey Conference, "The Paleoenvironmental and Archaeological Context of the Late Pleistocene-Early Holocene Transition at the Kib-Ridge Site," Santa Fe, New Mexico. (October 19, 2013).

Doerner, J., "Paleoenvironmental Reconstructions from the Colorado Front Range. Earth Science Spring Seminar," School of Earth Sciences and Physics, University of Northern Colorado, Greeley, Colorado. (March 4, 2011).

Doerner, J., Elementary (K-5) Social Studies Summer Institute, Denver Public Schools, "Spatial Thinking: Unpacking the Geography Standards," Denver, Colorado. (August 5, 2008).

Doerner, J., Teaching Reading in the Social Studies. Grades 3-5 Workshops, Denver Public Schools, "Spatial Thinking," Denver, Colorado. (June 3, 2008).

Doerner, J., "The Geography of Asia," The 2nd grade classes, Jackson Elementary School, Weld County School District 6, Greeley, Colorado. (April 20, 2000).

Doerner, J., "Paleoenvironmental Records (on-line presentation)," Archaeological Practicum: The Archaeology of Western Anatolia, Associated Colleges of the South. (April 18, 2000).

Doerner, J., "The Status of the Colorado Geography Alliance," The Greeley Kiwanis Club, Greeley, Colorado. (February 24, 2000).

Non-juried

Doerner, J. (Author & Presenter), Caffery, M. A., Brunswig, R., American Association of Geographers, 112th Annual Meeting, "Late Holocene Paleoecology and Archaeology in North Park, Colorado, U.S.A.," Paleoenvironmental Specialty Group, AAG, San Francisco, CA. (April 1, 2016).

Brunswig, R., Doerner, J., Diggs, D., Society for American Archaeology, 80th Annual Meeting., "Multidisciplinary Reconstruction of Interactive Change in Holocene Treeline, Paleoclimate and High Altitude Hunting Systems in Rocky Mountain National Park, Colorado," Society for American Archaeology, San Francisco, CA. (April 15, 2015).

Doerner, J., "Paleoecology: Reconstructing Past Environments from Proxy Data," Biology Spring Seminar Series, School of Biological Sciences, University of Northern Colorado, Greeley, Colorado. (February 4, 2011).

Doerner, J., Rocky Mountain National Park Workshop, "Climate History in Rocky Mountain National Park, Developing Strategies for Managing Fire Effect on Cultural Resources," Estes Park, Colorado. (November 16, 2009).

Doerner, J., "Ancient Environments in Rocky Mountain National Park," Greeley Kiwanis Club, Greeley, Colorado. (May 29, 2008).

Doerner, J., The 2008 Rocky Mountain National Park Lyceum Series, "Paleoenvironmental Change in Rocky Mountain National Park," Beaver Meadows Visitors Center, Estes Park, Colorado. (February 23, 2008).

Doerner, J., Applied Statistics and Research Methods Departmental Colloquium, "Climate Change Research in Rocky Mountain National Park," University of Northern Colorado, Greeley, Colorado. (February 28, 2007).

Doerner, J., "The Use of Proxy Evidence to Reconstruct Holocene Environment Change in Rocky Mountain National Park," Archaeology of Colorado (ANT 121) class, University of Northern Colorado, Greeley, Colorado. (January 24, 2007).

Not Invited

Juried

Doerner, J., Brunswig, R. H., Diggs, D., 71st Annual Plains Anthropological Conference, "Reconstructing Cultural and Climatic Change in North Central Colorado's Rocky Mountains: Current Results of University of Northern Colorado Research, 1998-2013," Loveland, Colorado. (October 4, 2013).

De Graauw, K., Grissino-Mayer, H., Towner, R., Kessler, N., Knighton-Wisor, J., Doerner, J., Second American Dendrochronology Conference, "Dendroarchaeology in the Valles Caldera: the Salt Barn and Commissary Cabin," University of Arizona, Tucson, Arizona. (May 15, 2013).

Diggs, D., Brunswig, R., Doerner, J., 44th Annual Conference of the Chacmool Archaeological Association, "Eleven Millennia of Human Adaptation in Colorado's

High Country: Modeling Cultural and Climatic Change in the Southern Rocky Mountains," Calgary, Canada. (2012).

Diggs, D., Brunswig, R., Doerner, J., Chacmool Conference, "Eleven Millennia of Human Adaptation in Colorado's High Country: Modeling Cultural and Climatic Change in the Southern Rocky Mountains," University of Calgary, Calgary, Canada. (November 9, 2011).

Doerner, J., Diggs, D., Brunswig, R. H., Rocky Mountain Anthropological Conference, "Cultural-natural landscapes and ecological patch islands in Forest Canyon Pass, Rocky Mountain National Park," Missoula, Montana. (October 7, 2011).

Doerner, J., Denver Public Schools, "Spatial Thinking: Thinking Like a Geographer, Teaching Reading in the Social Studies Grades 3-5 Workshop," Denver, Colorado. (June 1, 2011).

Brunswig, R., Doerner, J., Diggs, D., Connor, J., Benton, L., Edwards, E., 2010 Rocky Mountain National Park Research Conference, "Cultural-Natural Landscapes and Ecological Patch Islands in Forest Canyon Pass, Rocky Mountain National Park," Estes Park, Colorado. (March 30, 2010).

Doerner, J., Paleoindian Research Frontiers in North America's Plains and Western Mountains Symposium, Society for American Archaeology 73rd Annual Meeting, "The Reconstruction of Late Pleistocene/Early Holocene Paleoclimates in the North Central Colorado Rockies as a Climatological/Ecological Framework for Paleoindian Studies," Vancouver, British Columbia, Canada. (March 28, 2008).

Doerner, J., Brunswig, R., Rocky Mountain National Park Research Conference, "Clovis Hunting Bands and Late Pleistocene Deglaciation of High Mountain Tundra and Passes in Rocky Mountain National Park: the Case of La Poudre Pass," Estes Park, Colorado. (April 4, 2006).

Doerner, J., Geological Society of America Annual Meeting, "The Late-Quaternary Geological and Environmental History of the Elmalı Basin, Southwest Turkey," Salt Lake City, Utah. (October 16, 2005).

Doerner, J., "Paleoenvironmental Records (on-line presentation)," Archaeological Practicum: The Archaeology of Western Anatolia, Associated Colleges of the South. (March 30, 2004).

Doerner, J., Seminar in Earth Science, "Three Lines of Evidence for Ancient Environmental Interpretation: Focus On Pollen," University of Northern Colorado, Department of Earth Sciences, Greeley, Colorado. (October 10, 2003).

Doerner, J., Research and Resources Day, "Paleoenvironmental Research in Rocky Mountain National Park," Kawuneeche Visitor Center, Grand Lake, Colorado. (September 6, 2003).

Doerner, J., "Paleoenvironmental Records (on-line presentation)," Archaeological Practicum: The Archaeology of Western Anatolia, Associated Colleges of the South. (April 1, 2003).

Doerner, J., Brunswig, R., Rocky Mountain National Park Research Conference, "Vegetation and Climate Change in Rocky Mountain National Park: Pollen Evidence from Lawn Lake Fen," Estes Park, Colorado. (April 9, 2002).

Doerner, J., "Paleoenvironmental Records (on-line presentation)," Archaeological Practicum: The Archaeology of Western Anatolia, Associated Colleges of the South. (March 26, 2002).

Doerner, J., 106th Annual Meeting of the North Central Association, "General Education Assessment: a Course-Embedded Model," The Higher Learning Commission, Chicago, Illinois. (2001).

Doerner, J., "Aligning Course Objectives with Program Outcomes," Nicolet College, Rhinelander, Wisconsin. (2001).

Flake, S., Doerner, J., Golson, E., Trahan, R., College of Arts and Sciences Council of Chairs and Program Directors Retreat, "General Education: Implementing a Course-Embedded Assessment Model," Greeley, Colorado. (2001).

Doerner, J., Brunswig, R., Sandborn, W., Society for American Archaeology Annual Meeting, "Reconstructing Natural Landscapes and Paleoclimates in Rocky Mountain National Park," New Orleans, Louisiana. (2001).

Doerner, J., "Paleoenvironmental Records (on-line presentation)," Archaeological Practicum: The Archaeology of Western Anatolia (on-line course), Associated Colleges of the South. (April 10, 2001).

Doerner, J., Carrara, P. E., Geological Society of America Annual Meeting, "Paleoenvironmental Interpretations of a Late Quaternary Pollen Assemblage from McCall, Idaho, U.S.A.," Denver, Colorado. (1999).

Doerner, J., Sullivan, D. G., Briles, C., Dust Aerosols, Loess Soils, and Global Change Conference, "Late Quaternary Eolian Deposition in Colorado Subalpine Lakes," Seattle, Washington. (1998).

Doerner, J., Giardino, J. R., Vitek, J. D., Geological Society of America Annual Meeting, "Holocene Vegetation and Climate of the Sangre de Cristo Mountains, CO, USA," Toronto, Ontario, Canada. (1998).

Non-juried

Franklin, S. (Author & Presenter), Bretfeld, M. (Author), Peet, R. K. (Author), Kaufeld, K. (Author), Doerner, J. (Author), Heier, M. (Author), Clonal Plant Workshop, "Forty years of change in aspen forests, Rocky Mountain National Park (CO).," Třeboň, Czech Republic. (2015).

Franklin, S. (Author & Presenter), Bretfeld, M. (Author), Peet, R. K. (Author), Kaufeld, K. (Author), Doerner, J., Rocky Mountain National Park Research Conference, "Forty years of change in aspen forests, Rocky Mountain National Park, USA.," Estes Park, CO. (2015).

Doerner, J., Caffrey, M. A., Brunswig, R. H., Association of American Geographers, 111th Annual Meeting, "Holocene Paleoecology and Archaeology in North Park, Colorado," Chicago, IL. (April 23, 2015).

Doerner, J., Diggs, D., Brunswig, R. H., Doerner, M. R., Great Plains-Rocky Mountain and Southwest Regions of the Association of American Geographers, Annual Meeting, "Paleoenvironmental Reconstruction of Forest Canyon Pass, Rocky Mountain National Park, Colorado," Albuquerque, New Mexico. (October 24, 2014).

- Diggs, D., Doerner, J., Brunswig, R., Doerner, M., Association of American Geographers Annual Meeting, "High Altitude Paleoecology of Forest Canyon Pass, Rocky Mountain National Park, Colorado, USA," Los Angeles, California. (2013).
- Doerner, J., Brunswig, R., Diggs, D., Doerner, M. R., Association of American Geographers, 109th Annual Meeting, "High Altitude Paleoecology of Forest Canyon, Rocky Mountain National Park, Colorado, USA," Los Angeles, California. (April 11, 2013).
- Doerner, J., Martorano, M. A., Association of American Geographers, 107th Annual Meeting, "A Dendrochronological Analysis of Culturally Modified Trees from the Great Sand Dunes National Park and Preserve, USA," Seattle, Washington. (April 13, 2011).
- Doerner, J., Brunswig, R., Diggs, D., Association of American Geographers, 106th Annual Meeting, "Forest Canyon Pass: High Altitude Paleoclimate and Archaeology in Rocky Mountain National Park, Colorado," Washington, D.C. (April 15, 2010).
- Doerner, J., Caffrey, M. A., 105th Annual Meeting of the Association of American Geographers, "Holocene Fire History and Climate Change in Rocky Mountain National Park, USA: Pollen and Charcoal Evidence from Bear Lake," Las Vegas, Nevada. (March 25, 2009).
- Doerner, J., Brunswig, R., 103rd Annual Meeting of the Association of American Geographers, "A High-Resolution Paleotemperature Record from La Poudre Pass Fen, Rocky Mountain National Park, USA," San Francisco, California. (April 18, 2007).
- Doerner, J., Wilkins, D., Kaplan, S., Keim, R., Grissino-Mayer, H., 102nd Annual Meeting of the Association of American Geographers, "Response of Ponderosa Pine to Climate and Fire Processes, French Creek Drainage, Idaho," Chicago, Illinois. (March 8, 2006).
- Doerner, J., Brunswig, R., 7th Biennial Rocky Mountain Anthropological Conference, "Late Pleistocene-Early Holocene Paleoclimate and Archaeology of a High Altitude Mountain Pass in Rocky Mountain National Park, Colorado," Park City, Utah. (September 17, 2005).
- Doerner, J., 101st Annual Meeting of the Association of American Geographers, "The late-Quaternary Environmental History of the Elmalı Basin, Southwest Turkey," Denver, Colorado. (April 6, 2005).
- Doerner, J., Association of American Geographers, Centennial Meetin, "Holocene Paleoenvironmental Records From High Elevation Sites in Rocky Mountain National Park," Philadelphia, Pennsylvania. (March 18, 2004).
- Doerner, J., 6th Biennial Rocky Mountain Anthropological Conference, "Paleoenvironmental Interpretation of Holocene Records from Rocky Mountain National Park," Estes Park, Colorado. (September 20, 2003).
- Doerner, J., Brunswig, R., Sandborn, W., 98th Annual Meeting of the Association of American Geographers, "Vegetation and Climate Change in Rocky Mountain National Park: Pollen Evidence from Lawn Lake Fen," Los Angeles, California. (2002).
- Doerner, J., Sullivan, D. G., American Quaternary Association 17th Biennial Meeting,

"High Resolution Millennial-Scale Paleotemperature Records from Lake Sediments in Colorado," Anchorage, Alaska. (2002).

Brunswig, R., Doerner, J., 5th Biennial Rocky Mountain Anthropological Conference: Rocky Mountain Archaeology in the 21st Century, "The Lawn Lake Site (5LR318): New Evidence for High Altitude Late Paleoindian Adaptations and Paleolandscapes of Colorado's Southern Rockies in the Early Holocene," Waterton Lakes National Park, Alberta. (2001).

Doerner, J., Brunswig, R., Lane, C., 97th Annual Meeting of the Association of American Geographers, "Holocene Climate and Vegetation Change in Rocky Mountain National Park," New York, New York. (2001).

Doerner, J., Giardino, J. R., 96th Annual Meeting of the Association of American Geographers, "A 5700-Year Long Pollen Assemblage from the Sangre de Cristo Mountains of Colorado," Pittsburgh, Pennsylvania. (2000).

Doerner, J., Carrara, P. E., 95th Annual Meeting of the Association of American Geographers, "Late Quaternary Vegetation and Climate Change in West-Central Idaho," Honolulu, Hawaii. (1999).

Doerner, J., National Council for Geographic Education, Annual Meeting, "Content Issues in Standards-Based Geography Assessments," Boston, Massachusetts. (1999).

Doerner, J., 94th Annual Meeting of the Association of American Geographers, "Deglaciation and Holocene Climate Change in the West Mountains of Idaho," Boston, Massachusetts. (1998).

Mayes, D. O., Doerner, J., Giardino, J. R., Vitek, J. D., Great Plains/Rocky Mountain Division of the Association of American Geographers, Annual Meeting, "Stratigraphic Evidence of Holocene Environmental Change in the Sangre de Cristo Mountains, Colorado," Lawrence, Kansas. (1998).

Doerner, J., 92nd Annual Meeting of the Association of American Geographers, "The Late-Quaternary Environmental History of the Long Valley Area, west-central Idaho," Charlotte, North Carolina. (1996).

Doerner, J., Carrara, P. E., American Quaternary Association, 14th Biennial Meeting, "Pinedale Glaciation and the Timing of Deglaciation in the West Mountains of Idaho," Flagstaff, Arizona. (1996).

Doerner, J., Sullivan, D. G., 91st Annual Meeting of the Association of American Geographers, "Stratigraphic Evidence of Late Quaternary Climatic Fluctuations in Colorado," Chicago, Illinois. (1995).

Doerner, J., 90th Annual Meeting of the Association of American Geographers, "Climate and Vegetation Change in Colorado," San Francisco, California. (1994).

Doerner, J., 89th Annual Meeting of the Association of American Geographers, "Late Quaternary Paleoenvironmental Changes in the Colorado Front Range," Atlanta, Georgia. (1993).

Doerner, J., Western Social Science Association, Annual Conference, "Permafrost Occurrence and Prediction in the Mt. Evans Region, Colorado Front Range, USA," Reno, Nevada. (1991).

Doerner, J., 85th Annual Meeting of the Association of American Geographers, "Gully Erosion in Northwestern Colorado: A Case Study," Baltimore, Maryland. (1989).

Doerner, J., 84th Annual Meeting of the Association of American Geographers, "An Episode of Channel Incision in Response to Climatic Fluctuations," Phoenix, Arizona. (1988).

Doerner, J., Great Plains-Rocky Mountain Division of the Association of American Geographers, Annual Meeting, "An Episode of Gully Erosion in Response to an Increase in Precipitation," Colorado Springs, Colorado. (1988).

Research in Progress

"Dendroecological Evaluation of Whitebark Pine as a Facilitator Species on Subalpine Tree Islands, Beartooth Plateau, Wyoming, U.S.A." (On-Going).

"Developing a Park Ranger Certificate Program through UNC's Department of Geography & GIS" (On-Going).

"North Park Ute Trail Cultural Landscapes Study Project" (On-Going).

GRANTS

Funded

Doerner, J. (Co-Principal), Brunswig, R. (Principal), "BLM –CO-North Park Ute Trail Cultural Landscapes Study Project," Sponsored by Bureau of Land Management, Federal, \$75,000.00. (2015 - 2020).

Diggs, D. (Co-Principal), Brunswig, R. (Principal), Doerner, J. (Co-Principal), "Phase I: GIS Mapping of Cultural, Paleoclimatic and Paleoenvironmental Landscapes in Rocky Mountain National Park," Sponsored by National Park Service Rocky Mountain Cooperative Ecosystems Studies Unit—RM-CESU, \$11,128.00. (2011 - 2013).

Doerner, J., "The Analysis of Culturally Modified Trees from the La Bontica Site in Southwestern Colorado," Sponsored by Mona Charles, Department of Anthropology, Fort Lewis College, Durango, Colorado, \$180.00. (2009).

Doerner, J. (Principal), "The Analysis of Peeled Trees from the Florissant Fossil Beds National Monument and the Great Sand Dunes National Park," Sponsored by RMC Consultants, Inc., Lakewood, Colorado, \$1,200.00. (2009).

Doerner, J. (Principal), "Great Sand Dunes National Park, National Park Service," Sponsored by The Analysis of Peeled Trees from the Great Sand Dunes National Park, \$1,840.00. (2008).

Doerner, J. (Co-Principal), "Forest Canyon Cultural Landscapes "Patch Ecology" Pilot Project," Sponsored by RM-CESU contract with the National Park Service, \$13,678.00. (2007).

Doerner, J. (Co-Principal), "Tree-ring Laboratory Upgrade - SPARC Development Grant," University of Northern Colorado, \$7,750.00. (2007).

Doerner, J. (Principal), "Fire History and Climate Change in Rocky Mountain National Park," Sponsored by National Park Service, Federal, \$12,432.00. (2005).

Doerner, J., "North American Dendroecology Fieldweek - Small Grant Assistance Program

- (SGAP)," Sponsored by Sponsored Programs and Academic Research Center (SPARC), University of Northern Colorado, \$1,000.00. (2005).
- Doerner, J. (Co-Principal), "Assessing the Effectiveness of GIS in Standards-Based Geography," Sponsored by Colorado Geography Education Fund, National Geographic Society Education Foundation, \$10,000.00. (2002).
- Doerner, J. (Principal), "Colorado Geographic Alliance Program Plan 2002/2003," Sponsored by Colorado Geography Education Fund, National Geographic Society Educational Foundation, \$45,000.00. (2002).
- Doerner, J. (Principal), "2001-02 Colorado Geographic Alliance Transition Plan," Sponsored by National Geographic Society Education Foundation, \$25,000.00. (2001).
- Doerner, J., "Conserving Biodiversity in the Denver Metro Area: A Standards-Based Method for Introducing Geography Concepts into Grades 7-12 of Colorado Schools – Part 2," Sponsored by Colorado Geography Education Fund, National Geographic Society. Grant managed by the University of Colorado, Boulder, CO, \$17,594.00. (2001).
- Doerner, J. (Co-Principal), "2000-01 Colorado Geographic Alliance Program Plan," Sponsored by National Geographic Society Education Foundation, \$75,000.00. (2000).
- Doerner, J. (Co-Principal), "Conserving Biodiversity in the Denver Metro Area: A Standards-Based Method for Introducing Geography Concepts into Grades 7-12 of Colorado Schools," Sponsored by Colorado Geography Education Fund, National Geographic Society. Grant managed by the University of Colorado, Boulder, CO, \$24,931.00. (2000).
- Doerner, J. (Co-Principal), "Game Drive Mapping Project," Sponsored by Rocky Mountain National Park, National Park Service, \$15,000.00. (2000).
- Doerner, J. (Principal), "Research Development Award, Hacimusalar Archaeology Project, Turkey," Sponsored by Sponsored Programs and Academic Research Center, University of Northern Colorado, \$1,000.00. (2000).
- Doerner, J. (Co-Principal), "Summer K-12 Preservice Geography/Literacy/Mathematics Institute," Sponsored by Colorado Geography Education Fund, National Geographic Society, \$25,000.00. (2000).
- Doerner, J. (Principal), "The Paleoenvironmental History of the Elmali Plain, Southwest, Turkey," Sponsored by University of Northern Colorado Faculty Research and Publications Board, University of Northern Colorado, \$2,500.00. (2000).
- Doerner, J. (Principal), "Pollen Analysis of Van Wyck Bog Sediments," Sponsored by United States Geological Survey, National Mapping Division, \$1,000.00. (1997).
- Doerner, J. (Principal), "ArcView 3.0 and Spatial Analyst GIS Software Site License," Sponsored by Environmental Systems Research Institute, Inc., \$129,150.00. (1997).
- Doerner, J. (Principal), "An Analysis of Sediments Recovered from the Long Valley Area, West-Central Idaho," Sponsored by United States Geologic Survey, National Mapping Division, \$2,500.00. (1996).
- Doerner, J., "Research Development Award, Climate Change in the West Mountains, Idaho," Sponsored by UNC Research Corporation, University of Northern Colorado, \$3,000.00. (1996).

Doerner, J., "The Power of Place: World Regional Geography - UNC Foundation Grant," Sponsored by UNC Sponsored Programs, University of Northern Colorado, \$900.00. (1996).

Doerner, J. (Co-Principal), "Combined Shuttle Photography and Landscape Ecology to Produce a Predictive Model of Landscape Response to Climate Change," Sponsored by National Aeronautics and Space Administration (NASA). Grant managed by Texas A & M University, College Station, Texas, \$62,000.00. (1995).

Doerner, J. (Principal), "Landscape Change in the Southern Rocky Mountains," Sponsored by UNC Faculty Research and Publications Board, University of Northern Colorado, \$2,500.00. (1995).

Doerner, J. (Principal), "Paleoenvironmental Changes in the Colorado Front Range," Sponsored by Colorado Mountain Club, \$490.00. (1989).

Doerner, J. (Principal), "Gully Erosions in Northwest Colorado," Sponsored by University of Denver, Graduate Student Association, \$425.00. (1985).

Not Funded

Junne, G. (Principal), Brunswig, R. (Co-Principal), Reinsvold, R. (Co-Principal), Trask, J. (Co-Principal), Diggs, D. (Co-Principal), Doerner, J. (Co-Principal), Creekmore, A. (Co-Principal), "The Dearfield Dream," Sponsored by National Endowment for the Humanities, Federal, \$160,504.00. (2012).

Brunswig, R. (Principal), Junne, G. (Principal), Reinsvold, R. (Co-Principal), Trask, J. (Co-Principal), Diggs, D. (Co-Principal), Doerner, J. (Co-Principal), Creekmore, A. (Co-Principal), Burlbaw, L. (Co-Principal), "The Dearfield Dream: Hope and Self-Sufficiency," Sponsored by National Endowment for the Humanities, Federal, \$225,847.00. (2011).

TEACHING

Teaching Experience

University of Northern Colorado

Courses Taught:

ENST 440, Biogeography, 1 course. 3.00 credit hours.

GEOG 100, World Geography, 43 courses. 3.00 credit hours.

GEOG 218, Emerging Asia, 4 courses. 3.00 credit hours.

GEOG 220, Climate and Vegetation, 7 courses. 3.00 credit hours.

GEOG 232, Physical Geography, 2 courses. .00 credit hours.

GEOG 274, Maps and Data Analysis, 4 courses. 3.00 credit hours.

GEOG 344, Asia: Special Topics, 3 courses. 3.00 credit hours.

GEOG 375, Quantitative Techniques in Geography, 11 courses. 3.00 credit hours.

GEOG 422, Directed Studies, 1 course. 3.00 credit hours.

GEOG 440, Biogeography, 6 courses. 3.00 credit hours.

GEOG 475, Advanced Geographic Techniques: Topics, 2 courses. 3.00 credit hours.

GEOG 495, Senior Seminar, 2 courses. 3.00 credit hours.

GEOG 540, Biogeography, 3 courses. 3.00 credit hours.

New Programs Developed/Major Program Revision: 10 courses.

GEOG 218 Emerging Asia

GEOG 220 Climate and Vegetation

GEOG 232: Physical Geography w Laboratory

GEOG 325: Environmental Geography

GEOG 510: Teaching Geography in Urban School Districts

GEOG 515 Geospatial Statistics

GEOG 540/440 Biogeography

GEOG 565: Computer Applications in Geographic Education

GEOG 585: Advanced Geographic Techniques

Interpretive Park Ranger Certificate Program

SERVICE

University Service

Committee Member, Board of Athletic Control. (2015 - Present).

Committee Member, Rocky Mountains Cooperative Ecosystem Studies Unit (Technical Rep.).
(August 2012 - May 2017).

Committee Member, Interdisciplinary Studies Student Designed Major. (2013 - 2015).

Committee Member, Faculty Senate. (2008 - 2011).

Committee Member, Senate Executive Committee. (2009 - 2010).

Committee Member, Board of Athletic Control. (2006 - 2010).

Committee Member, Teacher Education Faculty. (1999 - 2010).

Committee Member, Graduate Faculty. (1997 - 2010).

Delegate, Annual Faculty to Faculty Conference. (2001 - 2002).

Secretary, Faculty Senate. (2001 - 2002).

Committee Member, Senate Executive Committee. (2001 - 2002).

Committee Member, Faculty Senate. (1999 - 2002).

Committee Member, Faculty Welfare Committee. (1999 - 2002).

Committee Member, General Education Committee. (1997 - 1999).

College Service

Committee Member, HSS Policies and Procedures Committee. (2012 - 2014).

Committee Member, Search and Screen Committee (Anthropology). (2011 - 2012).

Committee Member, HSS Policies and Procedures Committee. (2008 - 2010).

Committee Member, Search and Screen Committee (Associate Dean of HSS). (2008 - 2009).

Committee Member, College Scholar Awards Committee. (2006).

Committee Member, HSS College Assessment Committee. (2005 - 2006).

Committee Member, Search and Screen Committee (Anthropology). (2005 - 2006).

Committee Member, College of Humanities and Social Sciences Policy and Procedure Committee. (2004 - 2006).

Committee Member, Search and Screen Committee (Sociology). (2004 - 2005).

Committee Member, College Scholar Awards Committee. (2003 - 2004).

Committee Member, Social Science Advisory Committee (Geography Rep.). (2001 - 2004).

Member, Academic Planning Task Force. (2002 - 2003).

Member, PLACE Task Force. (2001 - 2002).

Committee Member, College Teaching Awards Committee. (2001).

Committee Member, Environmental Studies Advisory Committee. (1997 - 2001).

Committee Member, Social Science Scholarship Committee. (1997 - 2001).

Committee Member, College Teaching Awards Committee. (1999).

Committee Member, Assessment Subcommittee - General Education Council. (1997 - 1999).

Committee Chair, Social Sciences Area Subcommittee - General Education Council. (1997 - 1999).

Committee Member, Technology Advisory Committee. (1995 - 1999).

Committee Member, Ross Hall Renovation Committee. (1996).

Member, NSF Facilities Modernization Group. (1995).

Department Service

Faculty Advisor, Gamma Theta Upsilon (UNC Chapter). (2009 - Present).

Committee Chair, Departmental/Program Evaluation Committee. (January 2009 - December 2017).

Committee Member, GIS Specialist Search & Screen Committee. (August 2016 - May 2017).

Committee Member, WebGIS/Geovisualization Search & Screen Committee. (August 2016 -

May 2017).

Acting Chair, Department of Geography. (2014).

Committee Chair, Department Evaluation Committee (DEC). (2000 - 2001).

Committee Member, Search and Screen Committee (Developing World). (2000 - 2001).

Committee Member, Departmental Evaluation Committee (DEC). (1996 - 2001).

Supervisor Student Internships. (1995 - 2001).

Faculty Advisor, John Wesley Powell Club. (1994 - 2000).

Committee Member, Search and Screen Committee (GIS/Cartographer). (1998 - 1999).

Committee Member, Program Review Committee. (1994 - 1999).

Committee Member, Search and Screen Committee (Economic Geography). (1997 - 1998).

Coordinator, Geography Awareness Week. (1994 - 1998).

Committee Member, Search and Screen Committee (Geography Education). (1996 - 1997).

Coordinator, Field Trip Association of American Geographers Annual Meeting, Great Plains-Rocky Mountain Division. (1996).

Committee Member, Internship Policy Committee. (1995).

Program Service

Committee Member, ENST Search & Screen Committee. (September 2016 - May 2017).

Professional Service

Committee Member, Gamma Theta Upsilon. (January 2011 - December 2019).

Reviewer, Journal Article, Research Journal of the Costa Rican Distance Education University. (2017).

Committee Member, Paleoenvironmental Change Specialty Group, American Association of Geographers. (March 2015 - 2017).

Reviewer, Journal Article, Journal of Geography in Higher Education. (2010 - 2017).

Reviewer, Journal Article, Journal of Geography in Higher Education. (2010 - 2017).

Reviewer, Journal Article, The Geographical Bulletin. (2012).

Reviewer, Grant Proposal, National Science Foundation. (2005 - 2011).

Member, Colorado Geography Education Fund Board. (1999 - 2005).

Committee Member, Program Committee, Association of America Geographers 101st Annual Meeting. (2004).

Reviewer, Journal Article, Geomorphology. (2000 - 2002).

Committee Member, Elementary School Boundary Committee, Weld County School District #6. (2000 - 2001).

Committee Member, Greeley Wildlife Committee, City of Greeley, Colorado. (1996 - 2001).

Member, Instructional Impact Panel State Geography Assessment, Colorado Dept. of Education. (1997).

Public/Community Service

Regional Councilor, Gamma Theta Upsilon, National Executive Committee (Great Plains/Rocky Mountains). (2011 - Present).

Officer, Treasurer, Board of Directors, String Quartet Program of Northern Colorado. (2010 - 2012).

Consulting

Denver Public Schools/UNC Geography Content Consultant. (2008 - 2011).

Colorado Department of Education Geography Assessment Consultant. (1999).

Southwest Assessment Partnership Geography Assessment Consultant. (1998 - 1999).

Colorado Department of Education/ Developed and Reviewed Test CTB-McGraw-Hill Items for the State Assessment in Geography. (1997).

Colorado Geography Assessment Geography Assessment Consultant. (1997).

Northern Colorado BOCES Geography Content Consultant. (1997).

State Collaborative on Assessment & Student Standards in Social Studies, Geography Content Consultant. (1996).

DEVELOPMENT ACTIVITIES ATTENDED

Workshop, "27th Annual North American Dendroecological Fieldweek (NADEF)," Cody, Wyoming, USA. (July 22, 2017 - July 31, 2017).

Workshop, "Assessing Growth in Student Writing; Representing the Work You've Done in Your Annual Evaluation," Center for the Enhancement of Teaching & Learning (CETL). University of Northern Colorado, Greeley, Colorado. (March 27, 2014).

Workshop, "Commenting on Drafts; Using Campus Resources for Further Student Support; Grading the Final Paper," Center for the Enhancement of Teaching & Learning (CETL). University of Northern Colorado, Greeley, Colorado. (February 13, 2014).

Workshop, "Creating Realistic and Discipline-Specific Writing Outcomes; Building an Effective Writing Assignment; Creating and Maintaining a Writing-Conducive Class," Center for the Enhancement of Teaching & Learning (CETL). University of Northern Colorado, Greeley, Colorado. (January 16, 2014).

Conference Attendance, "22nd Annual North American Dendroecological Fieldweek," Valles

- Caldera National Preserve, New Mexico. (2012).
- Workshop, "Developing Strategies for managing Fire Effects on Cultural Resources at Rocky Mountain National Park," National Park Service, Estes Park, Colorado. (November 2009).
- Conference Attendance, "Spatial Analysis with ArcGIS Spatial Analyst and Spatial Statistics, Association of American Geographers 105th Annual Meeting," Las Vegas, Nevada. (March 23, 2009).
- Workshop, "Rocky Mountain National Park Climate Change Adaptations," National Park Service, Estes Park, Colorado. (November 2007).
- Workshop, "Half-Day Sponsor Focused Proposal Writing Workshop," Sponsored Programs & Academic Research Center (SPARC), Greeley, Colorado. (September 27, 2006).
- Workshop, "National Science Foundation (NSF) Day Workshop," University of Northern Colorado, Greeley, Colorado. (September 14, 2006).
- Conference Attendance, "15th Annual North American Dendroecological Fieldweek," McCall Field Campus, Idaho. (2005).
- Conference Attendance, "14th Annual North American Dendroecological Fieldweek," Itasca State Park, Minnesota. (July 2004).
- Workshop, "Healthy Departments Workshop," Association of American Geographers, University of Washington, Seattle, Washington. (June 2004).
- Workshop, "Prevention Education with College Men," University of Northern Colorado, Greeley, Colorado. (March 2002).
- Workshop, "Chairing the Academic Department: A Workshop for Division and Department Chairs and Deans," American Council on Education, San Diego, California. (February 2002).
- Workshop, "Sexual Harassment Prevention," University of Northern Colorado, Greeley, Colorado. (September 2001).
- Workshop, "Introduction to ArcView GIS," Environmental Systems Research Institute, Boulder, Colorado. (August 1998).
- Workshop, "Hands-on ArcView-- GIS Training for Educators," Association of American Geographers, 94th Annual Meeting, Boston, Massachusetts. (March 1998).
- Workshop, "Desktop GIS Using ArcView," Association of American Geographers, 93rd Annual Meeting, Fort Worth, Texas. (April 1997).
- Workshop, "Population Matters: Strategies for Introducing Population Issues in Undergraduate Geography," Population Reference Bureau, Association of American Geographers, 93rd Annual Meeting, Fort Worth, Texas. (April 1997).
- Workshop, "Grant Writing Workshop," University of Northern Colorado, Greeley, Colorado. (May 1996).
- Workshop, "Sexual Harassment Prevention," University of Northern Colorado, Greeley, Colorado. (February 1996).
- Workshop, "Mentoring Graduate Students: Graduate School Policies and Practices," University

of Northern Colorado, Greeley, Colorado. (September 1994).

Workshop, "Undergraduate Advising and Campus Resources for Students," University of Northern Colorado, Greeley, Colorado. (September 1994).

AWARDS AND HONORS

Other

Outstanding Graduate Student, Department of Geography, University of Denver. (1989).

Gamma Theta Upsilon, International Geographical Honor Society, Oklahoma State University. (1983).

Scholarship/Research

China Studies Institute (CSI) Zhi-Xing China Academic Leaders Fellowship, American Association of State Colleges and Universities (AASCU) and China Education Association for International Exchange (CEAIE). (February 18, 2016).

College Scholar Award, College of Humanities and Social Sciences, University of Northern Colorado. (2006).

Summer Faculty Research Fellowship Award, University of Northern Colorado. (2000).

Society of Sigma Xi, Associate Member, University of Denver. (1989).

Teaching

Distinguished Teaching Achievement Award, National Council for Geographic Education. (2001).

Teaching Excellence Award, College of Arts and Sciences, University of Northern Colorado. (1999).

PROFESSIONAL MEMBERSHIPS

American Association of Geographers. (1988 - Present).

Gamma Theta Upsilon. (August 1983 - Present).