

CURRICULUM VITAE

PERSONAL

Name JULIE K. STEIN

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EDUCATION

1974 B.A. Western Michigan University, Kalamazoo, Michigan
1976 M.A. University of Minnesota, Minneapolis, Minnesota
1980 Ph.D. University of Minnesota, Minneapolis, Minnesota

TEACHING AND RESEARCH EXPERIENCE

1975-78 Geology Laboratory Instructor, University of Minnesota
1979 Instructor, Science Museum of Minnesota and University of Minnesota Extension
1980-86 Assistant Professor, Department of Anthropology, University of Washington
1981-86 Adjunct Assistant Professor, Quaternary Research Center, University of Washington
1985-90 Adjunct Curator of Northwest Coast Archaeology, Burke Memorial Washington State Museum, University of Washington
1986-94 Associate Professor, Dept of Anthropology, Univ of Washington
1986-94 Adjunct Associate Professor, Quaternary Research Center, University of Washington
1990-99 Curator of Archaeology, Burke Museum of Natural History and Culture, University of Washington
1994- Professor, Department of Anthropology, University of Washington
1994- Adjunct Prof, Quaternary Research Center, Univ. of Washington
1993-95 Associate Chair, Dept of Anthropology, Univ. of Washington
1994-95 Acting Chair, Department of Anthropology, Univ. of Washington
1996- Professor, Interdisciplinary Graduate Program in Museology.
1998-00 Adjunct Professor, Department of Anthropology, University of Tennessee
1999-05 Adjunct Curator of Northwest Coast Archaeology, Burke Museum
1999-05 Divisional Dean, College of Arts and Sciences, University of Washington
2005- Director, Burke Museum

FIELD AND CONSULTING EXPERIENCE

1972 Western Michigan University Field School, Garden Peninsula, Michigan
1973 Western Michigan Univ Field School, Teaching Assistant, Survey Kalamazoo River and excavation of Schmidt site, Saginaw, Michigan
1974 University of Arizona Graduate Field School, Grasshopper
1975 Minnesota Messenia Expedition, Excavation of Nichoria, Greece. Masters Thesis research.
1976 County-Municipal Highway Archaeological Project, Reconstruction of Lake Agassiz beach ridges, Minnesota. field geoarchaeologist and sediment analysis.
1976 Mammoth Cave National Park, Kentucky, survey
1977-80 Shell Mound Archaeological Project, Green River, Kentucky. Dissertation research.
1978 University of Minnesota Peruvian Expedition, Junin, Peru
1979 University of Minnesota Archaeological Field School, Winnebago, Minnesota, field geoarchaeologist and sediment analysis.

- 1982 Shell mound coring project, Green River, Kentucky. P.I.
 1982 Earliest Maya Agriculture Project, San Antonio, Belize. field geoarchaeologist and sediment analysis.
 1982 Relocation of Historic Fort Jefferson, Kentucky. field geoarchaeologist and sediment analysis.
 1983 P.I. of Excavation at Guss Island, Washington.
 1983-85 Instituto Nacional de Investigaciones sobre Recursos Bioticos (INIREB) Vera Cruz, Mexico, Agriculture and Wetlands in tropical Lowlands, sediment analysis.
 1983-91 Principal Investigator of excavations at British Camp (prehistoric shell midden), San Juan Island National Historic Park, Washington
 1984 NPS, Olympic National Park, Kalalock, field geoarchaeologist.
 1987 Horseshoe Bend Project, Idaho, field geoarchaeologist and sediment analysis.
 1988 Rota Island (Mariana Islands), sediment analysis
 1989 Wickliffe Mounds Research Center, Kentucky, sediment analysis
 1990 Big Bend Archaeological Project, Kentucky, field geoarchaeologist and sediment analysis.
 1991 Willapa Bay, Washington. Archaeological survey and sample collection.
 1991 Lost Site, Gifford Pinchot National Forest, field geoarchaeologist and sediment analysis.
 1992-94 West Point Shell Midden at Discovery Park, Metro Sewage Treatment Plant Project, field geoarchaeologist and sediment analysis.
 1996 Director, Vashon Archaeological Project, excavation of shell midden through public participation
 1997 Cape Addington, Alaska, analysis of sediments (for Madonna Moss)
 1996- Monticello, Virginia, sediment and soil analysis to find slave quarters, and landscape analysis to find modifications done by Jefferson. (with Fraser Nieman)
 1997- Fort Clatsop, Oregon, looking for privies of Lewis and Clark through analysis of mercury (with students Roger Kiers, Chris Lockwood, Jennie Deo, Scotty Moore, Kate Gallagher)
 1999-00 Kennewick Man, member of the scientific team requested to investigate the human remains; I was asked to study the sediment adhering to the skeleton.
 2002- Kohala Archaeological Field Project (with Thegn Ladefoged and Michael Graves)
 2004 Watmough Bay, Lopez Island, WA, excavation of shell midden associated with slope stabilization project sponsored by the BLM (with Laura Phillips and Rich Bailey)
 2005- San Juan Island shell midden dating project (Shaw, San Juan, Orcas and Lopez Islands)

FELLOWSHIPS, GRANTS, AND CONTRACTS

- 1974-76 Bush Fellowship, University of Minnesota
 1978 Bremer Intern Fellowship, Science Museum of Minnesota
 1978-79 National Science Foundation Grant - Shell Mound Archaeological Project (P.I., P.J. Watson and W. Marquardt). Subcontract written by Stein.
 1979-80 Doctoral Dissertation Fellowship, University of Minnesota
 1982 Graduate School Research Fund Grant, UW- Shell Mound Archaeological Project (\$5368) Stein P.I.
 1982-86 Washington Archaeological Research Center, P.I. of Univ. of Washington's Intern program (.5% RA each year).
 1983 Contract from NPS, Burial at Guss Island, Washington (\$1000), Stein P.I.
 1983 Graduate School Research Fund Grant, UW-San Juan Island Archaeological Project. (\$6148) Stein P.I.
 1986 NPS, Cataloging Artifacts from San Juan Island. (\$1000) Stein P.I.
 1986-91 NPS, Memorandum of Agreement, Archaeological Research: Excavation and Curation.
 -Stein P.I. of all subagreements.
 -Total contracted amount in 9 different subagreements = \$75,500
 1991- NPS/Burke Museum, Memorandum of Agreement, Curation of collections located in Burke Museum from NPS land. -Stein P.I. of all subagreements.
 1991 - P.O. #1, 3,000
 1991 - Subagreement #1, 24,000
 1992 - Subagreement #2, 63,117
 1992-99 NPS/Burke Museum, Indefinite Contract/Service, -Stein P.I. of all subagreements.
 1993 - Subagreement #1, Curation of collections from Garrison Bay site, \$9,000
 1993 - Subagreement #2, Curation of collections from 1991 excavation at British Camp - backlog, \$12,000(modified in 1994 for additional \$6000)

- 1993 -Subagreement #3, Curation of collections from British Camp site (1950 and 1970's excavation), \$30,500
- 1994- Subagreement #4, Writing of booklet for distribution by the park about the archaeology done on San Juan Island, \$3000
- 1995- Subagreement #5, Curation of collections from British Camp site (1970's Kenady excavations), \$49,000
- 1996-Subagreement #5extended, Curation of collections from British Camp site (1980's Stein excavations), \$10,000
- 1997-Subagreement #5extended, Curation of human remains and grave goods NPS San Juan Historic Park \$5,000
- 1999-curation of artifacts from San Juan Historic Park \$1000
- 1992-93 National Science Foundation, "Curation of Archaeological Collections from the Lower Columbia River Region", (\$85,217), Stein P.I.
- 1993 National Science Foundation, "Anthropology Curriculum for Human Prehistory", (\$73,177). (co-PI J. Green, J. Stein, and A. Linse)
- 1994 IESUS (Institute for Ethnic Studies in the United States) "Documentation of Cultural Affiliation: Burials and Grave Goods in the Burke Museum" \$7366 (Stein PI)
- 1994 Army Corps of Engineers - Walla Walla District, "Curation of collections from the River Basin Survey - McNary Project" \$25,000 (Stein PI)
- 1994 Army Corps of Engineers - Portland District, "Curation of collections from Skamania County - Bonneville Dam Project" \$25,000 (Stein PI)
- 1996 IESUS (Institute for Ethnic Studies in the United States) "Hands Across Time: collaboration between archaeology and Native Americans" \$5047 (Stein PI).
- 1996 IESUS (Institute for Ethnic Studies in the United States) "Hands Across Time: "identification of archaeological fish and shellfish for Puyallup Tribe of Indians" \$4452 (Stein PI).
- 1997 Royalty Research Fund - Univ. of Washington "The Origin of Cultural Complexity on the Northwest Coast", \$30,000
- 1998 NPS- Fort Clatsop sediment collection and analysis \$4200
- 2000 King County Landmarks and Heritage Commission, Special Projects Program. "Vashon Island Archaeological Project Report Publication" \$9200 (co-PI Laura Phillips).
- 2004 Bureau of Land Management, Watmough Bay archaeological site stabilization project: Lopez Island, \$13,560 (co-PI Laura Phillips)

HONORS AND COMMITTEES

- 1979 Student Paper Competition of Southeastern Archaeological Conference winner.
- 1983-84 Amer. Assoc of Univ. Women Educational Foundation, Recognition Award of Young American Women Scholars, Univ. of Washington.
- 1986-88 Geological Society of America, Archaeological Geology Division Award Committee, Chair.
- 1986 Washington Archaeological Research Center, Chair.
- 1986-88 Association for Field Archaeology, Executive Board.
- 1988-89 2nd Vice Chair, Geological Society of America, Archaeological Geology Division.
- 1989-90 1st Vice Chair, Geological Society of America, Archaeological Geology Division.
- 1990-91 Chair, Geological Society of America, Archaeological Geology Division.
- 1992-93 Past Chair, Geological Society of America, Archaeological Geology Division.
- 1991-93 Society for American Archaeology, publication committee.
- 1993 Recipient of The Evergreen Award, Washington State Preservation award.
- 1993-96 Society for American Archaeology Executive committee.
- 1995-1996 Vice President, Association of Washington Archaeology.
- 1997 State Historic Preservation Officer's - Historic Preservation Award in the category of ENHANCING PUBLIC EDUCATION, (for Vashon Project)
- 1998-99 Chair, Society for American Archaeology, "Geoarchaeology Special Interest Group"
- 1998-99 College Council, Univ. of Washington's Promotion and Tenure Committee
- 1999 Recipient of the Geological Society of America's Rip Rapp Archaeological Geology Division Award.
- 2000 Phi Beta Kappa Special Initiates, Alumna Member, Western Michigan University.

- 2000 Recipient of Alumni Achievement Award, Western Michigan University
 2001 Recipient of Outstanding Alumni Academy, Department of Geosciences, Western Michigan University
 2005 Distinguished Teaching Award, University of Washington

GUEST LECTURES AND PAPERS PRESENTED AT PROFESSIONAL MEETINGS

- 1976 Geologic Society of America, Midwest Regional Convention, "The Archaeological Geology of the Nichoria Site, Southwestern Greece," Kalamazoo, Michigan (refereed)
- 1978 Southeastern Archaeology Conference, "The Results of Augering the Carlston Annis Mound," Knoxville, Tennessee (refereed)
- 1978-80 Univ. of Minnesota Extension, "Formation of the Mississippi River and the Retreat of St. Anthony Falls," "The Great Lake that Vanished: Lake Agassiz," and "The Prehistoric Peoples of Mammoth Cave"
- 1979 Anthropology Department, University of Minnesota, Invited lecture "Archaic of Southeastern United States". (invited)
- Southeastern Archaeology Conference, "Geologic Analysis of the Green River Shell Middens," Atlanta, Georgia. (refereed)
 - SAA, "Geologic Analysis of the Green River Shell Middens," Vancouver, BC. (refereed)
 - SAA, "The Earthworm: An Unsuspected Nemesis for Archaeologists," Philadelphia, Pennsylvania. (refereed)
- 1980 A Symposium Honoring William A. McDonald. "Human Impact on the Region Surrounding Nichoria", Minneapolis, Minnesota. (invited)
- GSA, "Reconstruction of Archaeological Sites along the Green River, Kentucky", Atlanta. (refereed)
- 1981 Simon Fraser University, Archaeology Lecture Series, "The Geoarchaeologist: A geological ambassador to archaeological sites". (invited)
- GSA, "Geoarchaeology of the Flint-Mammoth Cave System and the Green River, Western Kentucky", Cincinnati, Ohio. (refereed)
- 1982 American Quaternary Association, "Shell Middens in the Central Puget Lowlands", Seattle, Washington. (refereed)
- SAA, Symposium chair, Physical Environments: Clues for their Interpretation, "Interpreting Sediments in Cultural Settings", Minneapolis, MN. (refereed)
- 1983 Univ. of Minnesota, in honor of W. A. McDonald, "Sediments within Archaeological Sites: the Untapped Reservoir of Prehistoric Information" Minneapolis, MN. (invited)
- 1984 SAA, "Interpreting the Stratigraphy of Northwest Shell Middens", Portland, Oregon. (refereed)
- 1985 SAA, symposium co-chair, Shell Midden Site Analysis, "Facies in Shell Middens", Denver, Colorado (with G. T. Jones). (refereed)
- 1986 University of Minnesota Center for Ancient Studies "Geological Resources of the Bronze Age - Nichoria Region". (invited)
- SAA, "Microartifact Analysis: A Tool for Understanding Site Formation Processes" New Orleans (with P. Teltser). (refereed)
 - SAA "Turning a Midden into Mush: Evidence of Acidic Conditions in a Shell Midden", New Orleans, (with M. Nelson and P. Ford). (refereed)
- 1987 Northwest Scientific Association (AAAS) "Problems with preservation in Northwest Coast Middens" Tacoma, WA. (refereed)

- Northwest Anthropological Conference "San Juan Island Archaeological Project: Sampling a Shell Midden", Salishan Oregon. (refereed)
 - SAA, "Archaeo-Geophysics and Coring: A Partnership that Works", Toronto, Ontario (with Rinita Dalan). (refereed)
- 1988 Northwest Anthropological Conference, symposium organizer San Juan Island Archaeological Project: Preliminary Results, "Deciphering a Northwest Coast Shell Midden", Tacoma, WA. (refereed)
- SAA, symposium organizer, "Deciphering a Northwest Coast Midden", Phoenix. (refereed)
 - SAA, paper presented in Fryxell Symposium, "Organic Matter: A clue for interpreting landscape evolution", Phoenix. (refereed)
- 1989 SAA, "What makes a shell midden", Atlanta. (refereed)
- Invited lecture "Deciphering a Northwest Coast Shell Midden"
 - given at:
 - University of Pittsburgh
 - Southern Illinois University
 - Washington University (St. Louis)
 - University of British Columbia
 - Circum-Pacific Prehistory Conference, paper presented "Prehistoric Occupation of Coastal Islands in Washington: View from a shell Midden", Seattle. (invited)
 - Invited lecture at SUNY Binghamton, Department of Anthropology "San Juan Island Project: Deciphering a shell midden". (invited)
- 1990 SAA, paper presented in Fryxell Symposium, "The Context of Artifacts: Archaeology, Geoarchaeology, or Geology?", Las Vegas. (refereed)
- Visiting Professor Lecture Series, University of Tennessee. "Northwest Coast Prehistory from Excavations of a Shell Midden" and "Archaeological Stratigraphy" (invited)
 - Geological Society of America, co-organizer of the Archaeological Geology Division's invited symposium "Effects of Scale on Archaeological and Geological Perspectives". Presented "Introduction" and "Archaeological and Geological Stratigraphy: the effects of scale". Dallas. (refereed)
- 1991 SAA, "The Formation and Deformation of Shell Middens: Effects on Interpretations of Coastal Adaptation", New Orleans. (refereed)
- Short course titled "Geoarchaeology and Site Excavation: An introduction to concepts and applications", co-taught by Drs. Julie Stein, Reid Ferring, and Tim Bechtel (Houston, Texas) (invited)
- 1992 Stanford University, Distinguished Scholar Lecture Series, "Stratigraphy: The discipline archaeologists forgot (or what really are site formation processes?)". (invited)
- Quaternary Research Center, Univ. of Washington, Invited Seminar Series: "Late Holocene sea-level changes and Northwest Coast archaeology". (invited)
- 1993 Invited lecture "Deciphering a Northwest Coast Shell Midden: trouble with time"
- Simon Fraser University
 - University of Arizona
 - University of Sydney, Australia
 - Australian National University - Research School
 - La Trobe University, Melbourne Australia
- Northwest Anthropological Conference. Bellingham, WA. presentation: "Geology and Geomorphology of the West Point Sites", and "Issues in Processing Archaeological Materials for Repatriation Assessment".
 - Archaeology Week, Lecture at the Burke Museum " Digging the Urban Scene: Seattle Area Archaeology" (Oct. 1993)
 - Archaeology Week, FORUM "A Shared Past?", member of a panel discussion sponsored by the Grant County Public Utility District (Oct. 1993)

- 1994 Historical and Underwater Archaeological Conference, Vancouver B.C. "The West Point, Seattle Site Complex: Implications for the Archaeological Record of Southern Puget Sound, Washington" (Jan 6-7, 1994)
- SAA, Disneyland, CA. "Shell Midden Stratigraphy: Linking Layers and Data", (April 1994)
 - Archaeology Week, Lecture at the Burke Museum " Digging the Urban Scene: Archaeology in your backyard" (Oct. 1994)
 - Geological Society of America, annual meeting "Use of the West Point, Seattle Archaeological Sequence to date Late Holocene sea level rise and earthquake events in Southern Puget Sound, Washington", Seattle Washington (with Dennis Lewarch and Lynn Larsen) (invited).
- 1995 UC Berkeley, Archaeological Research Facility Winter Lecture, "Deciphering a Northwest Coast Shell Midden: Trouble with Time" (Jan. 1995) (invited).
- Hidden Dimensions: The Cultural Significance of Wetland Archaeology. "Rising Sea Levels and Artifact Preservation in the Gulf of Georgia Region", Vancouver B. C., (April 1995) (invited).
 - SAA, Minneapolis. "Rethinking the Arbitrary and Natural Unit of Excavation: A Stratigraphic Alternative", (May 1995) (invited).
 - Archaeology Week, Lecture at the Burke Museum " Archaeologist for a day" (Oct. 1995)
- 1996 SAA, New Orleans, "The Depositional Formation of a Site: What does it Represent?", (April).
- invited by SAA student committee "How to get an academic job" (April)
 - Quaternary Research Center, Univ. of Washington, Invited Seminar Series: "Late Holocene sea-level changes and Northwest Coast archaeology". (May)
 - Shaw Island Historical Society "Archaeology on Shaw Island" (May)
 - National Park Service Public Lecture Series, "San Juan Island Archaeology" (June)
 - Archaeology Week, Public Lecture presented by King County Landmarks and Heritage Commission "Archaeology of Vashon-Maury Island: What you helped Decipher" (Oct)
 - Burke Museum Public Lecture Series "Archaeology on Vashon Island: What the Public Helped Decipher" (Jan).
 - Alaska Quaternary Center (Anchorage and Fairbanks), "Deciphering a Northwest Coast shell midden: trouble with time", and "Problems in Northwest Coast Prehistory: the Southern Perspective" (Jan.)
 - AAAS (Seattle) "Northwest Coast: beyond salmon and storage" in Symposium "Late Prehistoric Maritime Adaptations in North America" (Feb).
 - Washington University (St. Louis) "The Green River of Kentucky: revisited" (March)
- 1997 SAA (Nashville), "Stratigraphic Dating: The Road to Riches and Ruin", in Symposium "Time after Time: A history of archaeological dating in North America". (April)
- Northwest Anthropological Conference (Ellensburg, WA, April),
 "Vashon Island Archaeological Project: a public education project."
 "Vashon Island Archaeological Project: Results and Conclusions (with L. Phillips).
 "The Shell Ridges of British Camp: the origin of southern Northwest Coast houses".
 - University of Arizona (Tucson), invited speaker on panel "The Archaeometry-Archaeology Nexus" (April).
 - San Juan Island National Historical Park "Archaeology: The Plank Houses of Garrison Bay" Friday Harbor, Washington (June)
 - University of Washington Saturday Seminars "Archaeology in Your Backyards" (Sept).
 - Archaeology Day (excavation for children) and talk "What we now know about the Marymoor Site" (Oct.)
 - Association of Women in Science "Archaeology in Puget Sound", Seattle WA. (Nov.)
- 1998 Arizona State University, Anthropology Colloquium "Trouble with Time: Stratigraphy to the Rescue"
- SAA (Seattle), "The Origins and Formation of a Northwest Coast Plank House: The Potential of Radiocarbon, Micromorphology, Faunal and Artifactual Data", (with Sarah Sherwood and Kris Bovy) in Symposium "Understanding Households, Household Activities and Activity Areas -

- Developing Issues in the Method and Theory of Activity Areas and Domestic Archaeology" (March)
- SAA (Seattle), "Discussant", in symposium "The Sequim Bypass Archaeological Project and its Place in Western Washington Prehistory" (March)
 - "Overview of Archaeological Protection Law" training course organized by the NPS for lawyers, held at San Juan Island National Historic Park. Taught session "Field Visit - Undisturbed, preserved, and disturbed archaeological resources, and how archaeologists know". (April)
 - Dust Cave Archaeological Project - "East Wenatchee Clovis Cache - Clovis in Washington", guest lecture at field project in Alabama
 - Monticello Field School - Lectures on Archaeological sediment and Archaeology in Washington.
- 1999 King County Medical Examiners "Geoarchaeology and chemical signatures of sediment: what medical examiners need to know" (Seattle)
- SAA (Chicago), "Channel Dynamics, Physiographic Variability, and Archaic Period Settlement Patterns in the Green River Valley, Western Kentucky" (with Darcy Morey and George Crothers), in symposium Geoarchaeology of Big River Valleys
 - Northwest Anthropological Conference: "Radiocarbon Dating in the San Juan Islands" (with Laura Phillips and Jennie Deo)
- 2000 SAA (Philadelphia) "Settlement Patterns and Radiocarbon Dating in the San Juan Islands" (with Laura Phillips and Jennie Deo).
- 2001 SAA (New Orleans) "Big Sits - Short Time: Accumulation Rates In Archaeological Sites.
- San Juan Nature Institute, "Exploring Coast Salish Prehistory: about the research" (June)
 - Fort Vancouver National Historic Park, Vancouver, WA "Finding Fort Clatsop" (July)
 - Oregon Archaeological Society, Portland, Oregon "Finding Fort Clatsop" (Dec)
- 2002 University of Oklahoma, Department of Anthropology. "Finding Lewis and Clark: it's the pits" and Shell middens of the Northwest Coast: Trouble with Time. (January)
- SAA (Denver) "Where's the House?: The Origin of a Northwest Coast Shell Midden" (Debra Green and Stein). "It's the Pits: Finding Fort Clatsop" (Roger Kiers, Chris Lockwood, Scotty Moore, Jennie Deo, Kate Gallagher, and J. Stein) "Landscape Dynamics at Monticello: A Geoarchaeological Perspective" (Fraser D. Neiman, Sara Bon-Harper, John Jones, Julie Stein, and Derek Wheeler).
 - Burke Museum Evening Lecture Series "Seismic in Seattle: archaeological evidence of ancient earthquakes" (April)
 - Fort Clatsop National Memorial Public Lecture Series, Astoria, Oregon. "Problem with the Pits: finding Lewis and Clark's privy" (July)
- 2003 Arizona State Univ. "The hazards of interdisciplinary graduate training" for "Re-envisioning the PhD" program
- SAA (Milwaukee) "The Foundation of Geoarchaeology: Its Beginnings and Future"
 - Washington State Univ. "Archaeological Traces of Lewis & Clark" (Oct)
 - UW Alumni Association Evening Lectures Series "Archaeological Traces of Lewis & Clark" (Oct)
- 2004 UW Alumni Assoc Dawg Days in the Desert "Archaeological Traces of Lewis & Clark" (March)
- Fort Clatsop National Memorial Public Lecture Series, Astoria, Oregon. "Archaeological Traces of Lewis & Clark" (April)
- 2005 Australasian Archaeological Conference – Plenary Speaker, Canberra, Australia, "Archaeological Science: Why we are the Future".

EDITORIAL EXPERIENCE

- 1983- Editorial Board for International Journal of Geoarchaeology, published by John Wiley and Sons, New York
- 1986-91 Editorial Board, Northwest Region Editor, North American Archaeology Series, Westview Publishing Co.
- 1987-91 Society for Archaeological Science Bulletin, Geoarchaeology editor
- 1989-95 Consulting editorial board for Advances in Archaeological and Museum Science (series published by Plenum Press)
- 1991- Advisory Board, Archaeological Method and Theory
- 1992-99 Contributing Editor for Journal of Archaeological Research, edited by G. Feinman and T.D. Price. (published by Plenum Press)
- 2005- Journal of Island Archaeology

MEMBERSHIP

Society for American Archaeology
 Geological Society of America
 Society for Archaeological Science
 Assoc. for Washington Archaeology
 American Association of Museums

PUBLICATIONS

- 1976 Glacial Surges and Flood Legends. Science 193:1268-1269. (H.E. Wright and J.K. Stein)
- 1978 Archaeological Geology of the Site. In Excavations at Nichoria Southwestern Greece, vol. 1, edited by G. Rapp, Jr. and S. E. Aschenbrenner. pp.234-257. Univ. of Minnesota Press, Minneapolis. (J.K. Stein and G. Rapp)
- 1978 The Lake Bronson Site 21KT1: Multi-Component Prehistoric site on Prairie-Woodland Border in NW Minnesota Occasional Papers in Minnesota Anthropology, No.3.(S. Anfinson, M. Michlovic, and J.K. Stein). pp 59.
- 1978 Augering Archaeological Sites. Southeastern Archaeological Conference Newsletter 20:11-19.
- 1981 Geoarchaeology of the Flint-Mammoth Cave System of the Green River, Western Kentucky. Geological Society of America Field Trip Guidebook 1981. American Geological Institute, Falls Church, Virginia. (J.K. Stein, P.J. Watson, and W. White), pp. 163.
- 1982 Geological Analysis of the Green River Shell Midden. Southeastern Archaeology 1:22-39
- 1983 Prehistoric Maya Wetland Agriculture and the Alluvial Soils near San Antonio Rio Hondo, Belize. Nature 301:417-419 (P. R. Bloom, M. Pohl, C. Buttleman, F. Wiseman, A. Covich, C. Miksicek, J. Ball, and J.K. Stein)
- 1983 Earthworm Activity: A Source of Potential Disturbances of Archaeological Sediments. American Antiquity 48:277-289.
- 1983 Geoarchaeology and Historic Archaeology: An Example from Fort Jefferson, Kentucky. Southeastern Archaeology 2:132-144. (J.K. Stein, K. C. Carstens and K. W. Wesler).
- 1984 Organic Matter and Carbonates in Archaeological Sites. Journal of Field Archaeology 11:239-246.
- 1984 Interpreting the Stratigraphy of Northwest Shell Middens. Tebiwá 21:26-34 (special publication: "Geoarchaeology in the Northwest)
- 1985 Archaeological Sediments in Context. Center for Study of Early Man, University of Maine, Orono (edited by J. K. Stein and W. R. Farrand). pp.147.

- Interpreting Sediments in Cultural Settings. In Archaeological Sediments in Context, edited by J. K. Stein and W. R. Farrand, pp. 5-19.
- Context and Archaeology: An Introduction. In Archaeological Sediments in Context, edited by J. K. Stein and W. R. Farrand, pp. 1-3.
- 1985 Archaeological Sediments: A Largely Untapped Reservoir of Information. In Contributions to Aegean Archaeology, eds. N.C. Wilke and W. D. E. Coulson, pp. 143-159. Publication in Ancient Studies #1, University of Minnesota, Minneapolis. (J.K. Stein and G. Rapp, Jr.)
- 1985 Analysis of Sedimentation and Agriculture along the Rio Hondo, Northern Belize. In Prehistoric Lowland Maya Environment and Subsistence Economy: the Data Base and its Problems, ed. M. Pohl, pp. 21-33, Harvard University, Peabody Museum Papers Vol.77. (P. Bloom, M. Pohl, and J.K. Stein)
- 1985 Site Formation of D7-2085, In Black Mesa: A View from the Sediment. Excavation on Black Mesa, 1983: A Descriptive Report, edited by A. L. Christenson and W.J. Parry, pp. 411-442, Center for Archaeological Investigations Research Paper, No. 46, Southern Illinois University at Carbondale. (J. Feathers and J.K. Stein)
- 1986 Coring Archaeological Sites. American Antiquity 51:507-527.
- 1987 Deposits for Archaeologist. In Advances in Archaeological Method and Theory, Vol. 11, edited by M. B. Schiffer, pp. 337-395. Academic Press, Orlando, Florida.
- 1988 Comment on "Changing Late Holocene Flooding Frequencies on the Columbia River, Washington", by J.D. Chatters and K. A. Hoover, Quaternary Research 29:186-187. (V. Butler and J.K. Stein)
- 1988 Direct evidence for a cultivar and a chronology from patterned wetlands in central Veracruz, Mexico. Science 242:105-107. (A.H. Siemens, R.J. Hebda, M. Navarrette Hernandez, D.R. Piperno, J.K. Stein and M.G. Zola Baez)
- 1989 Size distributions of artifact classes: Combining macro- and micro-fractions. Geoarchaeology 4:1-30.(J.K. Stein and P. Teltser)
- 1989 Theoretical issues in the interpretation of microartifacts. Geoarchaeology 4:31-42. (R. C. Dunnell and J.K. Stein)
- 1989 Variability of Laboratory Procedures and Results in Geoarchaeology. Geoarchaeology 4:347-358. (V. T. Holliday and J.K. Stein)
- 1990 "Archaeological Stratigraphy", in, Archaeological Geology of North America, edited by N. Lasca and J. Donahue, Geological Society of America, Centennial Special Volume 4. pp. 513-523. Boulder, Colorado.
- 1990 Sedimentation and Maya Agriculture along Rio Hondo, Belize. In, Ancient Maya Wetland Agriculture, edited by Mary Pohl, pp. 323-338. Westview Press, Boulder CO.
- 1991 "Archaeological Geology". Geotimes (Feb.) p. 37.
- 1991 Coring in CRM and Archaeology: A Reminder. American Antiquity 56:138-142.
- 1992 "Organic Matter in Archaeological Contexts", In Soils in Archaeology: Landscape Evolution and Human Occupation, edited by Vance T. Holliday, pp. 193-216. Smithsonian Institution Press, Washington D.C.

- 1992 Deciphering a Shell Midden, edited by Julie K. Stein. Academic Press. San Diego, CA. pp.375.
Stein's chapters:
Ch 1 "Analysis of Shell Middens" pp.1-24.
Ch 2 "Shell Midden Boundaries in relation to Past and Present Shorelines" (F. Whittaker and J.K. Stein) pp.25-42.
Ch 3 "Geophysical Exploration of the Shell Midden" with (R. Dalan, J. M. Musser, Jr., and J.K. Stein) pp.43-59.
Ch 5 "Interpreting Stratification of a Shell Midden" pp.71-93.
Ch 6 "British Camp Shell Midden Stratigraphy" (J.K. Stein, K. Kornbacher and J. Tyler) pp.95-134.
Ch 7 "Sediment Analysis of the British Camp Shell Midden" pp.135-162.
- 1993 Effects of Scale on Archaeological and Geoscientific Perspectives, edited by J.K. Stein and A.R. Linse, Geological Society of America, Special Paper # 283.

The issue of scale in Archaeology, Geosciences, and Geoarchaeology, in Effects of Scale on Archaeological and Geoscientific Perspectives, edited by J.K. Stein and A.R. Linse, pp. 1-10. Geological Society of America, Special Paper # 283.
- 1994 "Geoarchaeology of Sites on San Juan Island, Washington", in Geologic field trips in the Pacific Northwest: 1994 Geological Society of America Annual Meeting, edited by D. A. Swanson and R. A. Haugerud. pp. 11-1-11-22, Geological Society of America, Boulder, CO.
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