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EDUCATION

Ph.D. Candidate, University of Oregon, Anthropology, 1986 - 1991
M.S., University of Oregon, Anthropology, 1991
M.S., University of Oregon, Interdisciplinary Studies (Archaeology, Geology, Geography), 1983
Ed.M., Oregon State University, Education, 1974
B.S., Oregon State University, Anthropology, 1973

PROFESSIONAL EXPERIENCE

1996–Present Program Director and Owner, Northwest Research Obsidian Studies Laboratory, Corvallis, Oregon.
1994–1996 Program Director, Obsidian Studies Laboratory, BioSystems Analysis, Inc., Santa Cruz, California.
1991–1994 Assistant Laboratory Director, INFOTEC Research, Inc., Eugene, Oregon.
1990–1991 Co-principal Investigator, Willamette National Forest Tephra Project.

PRIMARY RESEARCH INTERESTS

Provenance Studies and the Geochemical Characterization of Archaeological and Geological Materials
Obsidian Characterization and Hydration Studies
Prehistory of the Far Western United States
Internet Applications in Archaeology, Geology, and Geography

SELECTED PUBLICATIONS

- Erlandson, J. M., T. C. Rick, T. J. Braje, B. Culleton, B. Fulfroost, T. Garcia, D. A. Guthrie, N. Jew, D. J. Kennett, M. L. Moss, L. Reeder, C. Skinner, J. Watts, and L. Willis
2011 Paleoindian Seafaring, Maritime Technologies, and Coastal Foraging on California's Channel Islands. *Science* 331:1181–1185.
- Hammerstedt, Scott W., Michael D. Glascock, and Craig E. Skinner
2008 Obsidian Artifacts from Moundville. *Journal of Alabama Archaeology* 54(1-2):54–59.
- Garfinkel, Alan P., Jerry N. Hopkins, and Craig E. Skinner
2008 Ancient Stones of Black Glass: Tracing and Dating Paleoindian Obsidian Artifacts from China and Tulare Lakes. In *Ice-Age Stone Tools from the San Joaquin Valley*, edited by Jerry N. Hopkins and Alan P. Garfinkel, pp. 59–97. Contributions to Tulare Lake Archaeology IV, Tulare Lake Archaeological Research Group.
- O'Grady, Patrick, Chuck Morlan, Scott Thomas, Craig E. Skinner, and Jennifer J. Thatcher
2008 Geochemical Sourcing of Five Crescents from the Alvord Desert of Southeastern Oregon. *Current Archaeological Happenings in Oregon* 33(3):8–9.
- Eerkens, Jelmer, Jeffrey R. Ferguson, Michael D. Glascock, Craig E. Skinner, and Sharon Waechter
2007 Reduction Strategies and Geochemical Characterization of Lithic Assemblages: A Comparison of Three Case Studies from Western North America. *American Antiquity* 72:585–597

- Boulanger, Matthew H., Thomas R. Jamison, Craig Skinner, and Michael D. Glascock
 2007 Analysis of an Obsidian Biface Reportedly Found in the Connecticut River Valley of Vermont. *Archaeology of Eastern North America* 35:81–92.
- Speakman, Robert J., Michael D. Glascock, Robert H. Tykot, Christophe Descantes, Jennifer J. Thatcher, Craig E. Skinner, and Kyra M. Lienhop
 2007 Laser Ablation ICP-MS Characterization of Archaeological Materials for Provenance-Based Research. In *Archaeological Chemistry: Analytical Techniques and Archaeological Interpretation*, edited by Michael D. Glascock, Robert J. Speakman, and Rachel S. Popelka-Filcoff, pp. 275–296. American Chemical Society Symposium Series 968, Washington, D. C.
- Garfinkel, Alan P., Jeanne Day Binning, Craig E. Skinner, Alexander K. Rogers, Russell Kaldenberg, and Thomas Chapman
 2006 Obsidian Bifaces of the Eastern Sierra: The Portugese Bench and Cactus Flat Biface Cores. *Society for California Archaeology Newsletter* 40(2):30–34.
- Ferguson, Jeffrey R. and Craig E. Skinner
 2005 Bone Cave: A Severely Disturbed Cave Site in Central Oregon. *North American Archaeologist* 26:221–244.
- Haarklau, Lynn, L. Johnson, D. L. Wagner, R. E. Hughes, C. E. Skinner, J. J. Thatcher, and K. Myhrer
 2005 *Fingerprints in the Great Basin: The Nellis Air Force Base Regional Sourcing Study*. Report prepared for Nellis Air Force Base by Prewitt and Associates, Inc., Austin, Texas.
- Skinner, Craig E., J. J. Thatcher, D. L. Jenkins, and A. C. Oetting
 2004 X-Rays, Artifacts, and Procurement Ranges: A Mid-Project Snapshot of Prehistoric Obsidian Procurement Patterns in the Fort Rock Basin of Oregon. In *Early and Middle Holocene Archaeology of the Northern Great Basin*, edited by D. L. Jenkins, T. J. Connolly, and C. M. Aikens, pp. 221–232. University of Oregon Anthropological Papers 62, Eugene, Oregon.
- Beck, Charlotte, G. T. Jones, D. L. Jenkins, C. E. Skinner, and J. J. Thatcher
 2004 Fluted or Basally-Thinned? Re-Examination of a Lanceolate Point from the Connley Caves in the Fort Rock Basin. In *Early and Middle Holocene Archaeology of the Northern Great Basin*, edited by D. L. Jenkins, T. J. Connolly, and C. M. Aikens, pp. 281–294. University of Oregon Anthropological Papers 62, Eugene, Oregon.
- Garfinkel, Alan P., J. D. Binning, E. Younkin, C. Skinner, T. Origer, R. Jackson, J. Lawson and T. Carpenter
 2004 The Little Lake Biface Cache, Inyo County, California. In *Proceedings of the Society for California Archaeology* 17:87–101.
- Ferguson, Jeffrey R. and C. E. Skinner
 2003 Colorado Obsidian? Preliminary Results of a Statewide Database of Trace Element Analysis. *Southwestern Lore* 69(4):35–50.
- Barker, Alex W., C. E. Skinner, M. S. Shackley, M. D. Glascock, and J. D. Rogers
 2002 Mesoamerican Origin for an Obsidian Scraper from the Precolumbian Southeastern United States. *American Antiquity* 67:103–108.
- Buchner, C. Andrew and Craig E. Skinner
 2002 An Obsidian Artifact from the La Plant I Site in the Cairo Lowland of Southeast Missouri. *Missouri Archaeological Society Quarterly* 19(4).
- Lyons, William H., S. P. Thomas, and C. E. Skinner
 2001 Changing Obsidian Sources at the Lost Dune and McCoy Creek Sites, Blitzen Valley, Southeast Oregon. *Journal of California and Great Basin Anthropology* 23:273–296.

- Rick, Torben C., C. E. Skinner, J. M. Erlandson, and R. L. Vellanoweth
 2001 Obsidian Source Characterization and Human Exchange Systems on California's Channel Islands. *Pacific Coast Archaeological Society Quarterly* 37:27–44.
- Ambroz, Jessica A., M. D. Glascock, and C. E. Skinner
 2001 Chemical Differentiation of Obsidian Within the Glass Buttes Complex, Oregon. *Journal of Archaeological Science* 28:741–746.
- Johnson, Lynn, David L. Wagner, and Craig E. Skinner
 1999 Geochemistry of Archaeological Obsidian Sources in the Saline Range, Death Valley National Park, California. In *Proceedings of Conference on Status of Geologic Research and Mapping in Death Valley National Park, Las Vegas, Nevada, April 4-11, 1999*. U.S. Geological Survey Open-File Report 99-153, pp.118–120.
- Connolly, Thomas J., Richard E. Hughes, and Craig E. Skinner
 1999 Geochemical Characterization of the Newberry Caldera Obsidian Flows. In *Newberry Crater: A Ten-Thousand-Year Record of Human Occupation and Environmental Change in the Basin-Plateau Borderlands*, by Thomas J. Connolly, pp. 151–156. University of Utah Anthropological Papers 121, Salt Lake City, Utah.
- Lepper, Bradley T., C. E. Skinner, and C. M. Stevenson
 1998 Analysis of an Obsidian Biface Fragment from a Hopewell Occupation Associated with the Fort Hill (33HI1) Hilltop Enclosure in Southern Ohio. *Archaeology of Eastern North America* 26:33–39.
- Skinner, Craig E. and Ann C. Bennett-Rogers
 1997 The Geologic Source of an Obsidian Wealth Blade from the Whale Cove Site (35-LNC-60), Central Oregon Coast: Results of X-Ray Fluorescence Trace Element Analysis. *Current Archaeological Happenings in Oregon* 22(3):8–10.
- Skinner, Craig E. and Paul W. Baxter
 1997 Trace Element Characterization Studies of Obsidian from Sites 35-PO-15 and 35-PO-47, Willamette Valley, Western Oregon: An Archaeological Application of Atomic Absorption Spectrometry. In *Contributions to the Archaeology of Oregon: 1995-1996*, edited by Albert C. Oetting. Association of Oregon Archaeologists Occasional Papers No.6, Eugene, Oregon, pp. 19–30.
- Skinner, Craig E. and Carol J. Winkler
 1994 Trans-Cascade Prehistoric Procurement of Obsidian in Western Oregon: An Early Look at the Geochemical Evidence. In *Contributions to the Archaeology of Oregon: 1989-1994*, edited by Paul Baxter. Association for Oregon Archaeologists Occasional Papers No. 5, Eugene, Oregon, pp. 29–44.
- Skinner, Craig E. and Stefan C. Radosevich
 1994 The Geologic Source of the Mazama "Mimic" Mystery Tephra: A Geochemical Reassessment of Volcanic Tephra from Vine Rockshelter (35LA304), Central Western Cascades, Oregon. In *Contributions to the Archaeology of Oregon: 1989-1994*, edited by Paul Baxter. Association for Oregon Archaeologists Occasional Papers No. 5, Eugene, Oregon, pp. 16–27.
- Skinner, Craig E. and Kim J. Tremaine
 1993 *Interdisciplinary Obsidian Bibliography*. International Association for Obsidian Studies Occasional Paper No. 1, San Jose, California.
- Skinner, Craig E.
 1993 Obsidian Characterization Laboratory Survey Results. *International Association for Obsidian Studies Bulletin* 10:11–14.

Skinner, Craig E.

- 1993 Open Vertical Volcanic Conduits: A Preliminary Investigation of An Unusual Volcanic Cave Form With Examples from Newberry Volcano and the Central High Cascades of Oregon (A Special Session of the 39th Annual Convention of the National Speleological Society, Bend, Oregon, July 30-August 1, 1982). In *Proceedings of the Third International Symposium on Vulcanospeleology*, pp. 7–17. International Speleological Foundation, Seattle, Washington.

Skinner, Craig E. and Stefan C. Radosevich

- 1991 Holocene Volcanic Tephra in the Willamette National Forest: Results of a Geochemical and Geoarchaeological Investigation. *Current Archaeological Happenings in Oregon* 16(4):6–11.

Skinner, Craig E. and Stefan C. Radosevich

- 1991 *Holocene Volcanic Tephra in the Willamette National Forest, Western Oregon: Distribution, Geochemical Characterization, and Geoarchaeological Evaluation*. Report prepared for the Willamette National Forest, Eugene, Oregon, by Northwest Research and Trans-World Geology. Eugene, Oregon.

Skinner, Craig E. and Carol J. Winkler

- 1991 Trans-Cascade Prehistoric Procurement of Obsidian in Western Oregon: The Geochemical Evidence. *Current Archaeological Happenings in Oregon* 16(2):3–9.

Skinner, Craig E., Jon Erlandson, Richard Hughes, Madonna Moss, and John Boughton

- 1991 Trace Element Composition of Obsidian Artifacts from the Beaverdam Creek Site (35-CR-20), Central Oregon. *Current Archaeological Happenings in Oregon* 16(2):9–11.

A list of additional publications may be found at www.obsidianlab.com.

SELECTED PAPERS AND PRESENTATIONS

Obsidian Hydration, Cut Sample Selection, and Technological Aspects of Debitage (2009). Poster presented at the 74th Annual Society for American Archaeology Meetings, Atlanta, Georgia. Co-Authors: J.D. Binning, A.P. Garfinkel, Jennifer J. Thatcher, and Brian Wickstrom.

Obsidian Source Use at Danger Cave (2008). Poster presented at the 31st Biennial Great Basin Anthropological Conference, Portland, Oregon. Co-Author: D. Page.

Lithic Sourcing in the BC Interior (2008). Paper presented at the 59th Annual Northwest Anthropological Conference, Victoria, British Columbia. Co-Authors: B. Pegg, C. Robertson, and D. Pokotylo.

A View of Northern Great Basin Prehistory Through the Volcanic Glass Window (2008). Paper presented at the 57th Annual Northwest Anthropological Conference, Seattle, Washington. Co-Author: D. Jenkins.

INNA Examination of Flake Size Bias in XRF Studies (2005). Poster presented at the 70th Annual Meetings of the Society for American Archaeology, Salt Lake City, Utah. Co-authors: Ferguson, J. R., J. W. Eerkens, and M. D. Glascock.

Laser Ablation ICP-MS Characterization of Archaeological Materials for Provenance-Based Research (2004). Paper presented at The Inaugural Symposium of the Archaeological Sciences of America Meeting, Tucson, Arizona. Co-authors: Speakman, R. J., M. D. Glascock, C. H. Descantes, R. H. Tykot, J. J. Thatcher, K. M. Lienhop, and B. J. Higgins.

Establishing an Origin for Clay Features at the Tseriadun Site (35-CU-7), Southern Oregon Coast (2004). Paper presented at the 55th Annual Northwest Anthropological Conference, Eugene, Oregon. Co-authors: L. G. Davis, R. S. Byram, and F. C. Anderson.

The Social Dimension of Obsidian in the Portland Basin (2004). Paper presented at the 55th Annual Northwest Anthropological Conference, Eugene, Oregon. Co-author: D. Ellis.

Chemical Differentiation of Obsidian Within the Newberry Volcanic Complex by Laser Ablation ICP-MS, INAA, and XRF (2002). Paper presented at the Geological Society of America Annual Meeting, Denver, Colorado. Co-authors: R. J. Speakman and M. D. Glascock.

Bulldozing for Bifaces: Production, Procurement, and Provenance Analysis of an Obsidian Biface Cache from the Central Cascades of Oregon (2002). Paper presented at the Annual Meeting of the Society for American Archaeology Annual Meeting, Denver, Colorado. Co-authors: A. C. Bennett and J. J. Thatcher.

A Comparison of Obsidian Analyses by Multiple Techniques: Determining Meaningful Levels of Resolution for Central Mediterranean Provenance Studies (2000). Poster presented at the 32nd International Symposium on Archaeometry, Mexico City, Mexico. Co-authors: R. H. Tykot and M. D. Glascock

Obsidian Characterization and Hydration Results of the Fort Rock Basin Prehistory Project, Oregon (1999). Paper presented at the 52nd Northwest Anthropological Conference, Newport, Oregon. Co-authors: D. L. Jenkins, J. J. Thatcher, and K. Hoar.

PROFESSIONAL MEMBERSHIPS

Association for Oregon Archaeologists
International Association for Obsidian Studies (President, 1992-1993; Webmaster, 1995-present)
New Zealand Archaeological Association
Society for American Archaeology
Society for California Archaeology
Society for Archaeological Science