

B • Sunday Eiselt

ASSOCIATE PROFESSOR

Southern Methodist University, Department of Anthropology
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Education

University of Michigan, Ann Arbor Ph.D., Anthropology 2006
University of Nevada, Reno M.A. Anthropology 1997
California State University, Chico B.A. Anthropology 1994 (*Magna Cum Laude*)

Appointments

2014 – present Associate Professor, Southern Methodist University
2008 – 2014 Assistant Professor, Southern Methodist University
2006 – 2008 Visiting Assistant Professor, Southern Methodist University
2004 - 2004 Instructor, University of Michigan
2001 – 2003 Project Director, Gila River Indian Community, Sacaton, Arizona

Affiliations

2010 – present Research Collaborator, Gila River Indian Community, Cultural Resources Management Program

Research • Interests

Interethnic economies and demographic histories of the Spanish borderlands (incl. Southern Athapaskan, Hispanic, Pueblo, and Uto-Aztecan Peoples), the protohistoric period in the American West, and tribal and community-based archaeology. Foundational training and interest in ceramic ecology, geochemical analyses, zooarchaeology, and paleoethnobotany.

Academic • Service and Appointments

2017 – present Assistant Chair, Department of Anthropology, SMU
2017 – present Member, Department of Anthropology Executive Committee
2015 – present Chair, Archaeology Collection and Curation Committee, Office of Research Administration, SMU
2014 – Present Member, University Research Council, Office of Research Administration, SMU
2019 – present Member, Committee on Conflict of Interest in Research, Office of Research Administration, SMU
2014 – present Member, Faculty Advisory Council, William P. Clements Center for Southwest Studies, SMU
2016 – present Member, American Anthropological Association, Nominations Committee Archaeology Seat (elected)
2014 – 2018 Director of Undergraduate Studies, Department of Anthropology, SMU
2016 – 2017 Member, Awards Committee, Department of Anthropology, SMU
2015 – 2016 Member, Faculty Search Committee, Department of Anthropology, SMU
2012 - 2014 Archaeology faculty liaison, Department of Anthropology, SMU
2013 - 2014 Member, Faculty Search Committee, Department of Anthropology, SMU
2012 - 2013 Member, Curriculum Committee, Department of Anthropology, SMU
2009 – 2010 Member, Faculty Search Committee, Department of Anthropology, SMU
2008 – 2009 Member, Awards Committee, Department of Anthropology, SMU

Extramural • Grants (Awarded)

The Summerlee Foundation, \$25,000 • PRINCIPLE INVESTIGATOR Promoting Research at SMU: The Archaeology Research Collections and Certification Program	2018
National Park Service, Native American Graves Protection and Repatriation (NAGPRA) Documentation and Consultation \$88,887 • PRINCIPLE INVESTIGATOR . SMU NAGPRA Collections	2017
National Science Foundation Dissertation Improvement, \$13,741 • Co/PI FOR RACHEL BURGER Doctoral Dissertation Research: Food Security in Ancestral Tewa Coalescent Communities: The Zooarchaeology of Sapa'owingeh in the Northern Rio Grande, New Mexico	2017
Friends of the Texas Historical Commission, Bob and Kathleen Gilmore Fund for Spanish and French Colonial Archaeology \$5,000 • PRINCIPLE INVESTIGATOR WITH BONNIE ETTER The San Xavier Spanish Mission Complex in Texas: A Proposal for Curation and Analysis of the Kathleen Kirk Gilmore Collections at SMU.	2017
Missouri Research Reactor, Archaeometry Laboratory \$7,000 • PRINCIPLE INVESTIGATOR <i>The Organization of Hohokam and Tewa Ceramic Production MUUR Subsidy Grant Proposal</i>	2015
National Science Foundation \$134,679 • PRINCIPLE INVESTIGATOR <i>The Organization of Middle Sedentary Period Hohokam Ceramic Production in the Gila River Valley, Arizona.</i> Andrew Darling, Co-PI.	2010
American Museum of Natural History Collections Study Grant \$1,500 • PRINCIPLE INVESTIGATOR <i>A Metric and Visual Examination of Metal-tipped Arrows Attributed to Apache, Comanche, Ute, Navajo, and Pueblo Makers.</i>	2008
Missouri Research Reactor, Archaeometry Laboratory \$4,320 • PRINCIPLE INVESTIGATOR <i>Hohokam Procurement and Use of Hematite in the Production of Red-on-Buff and Redware Pottery: An INAA Study from the Middle Gila River Valley, Arizona.</i>	2007
Missouri Research Reactor, Archaeometry Laboratory: \$3,750 • PRINCIPLE INVESTIGATOR <i>Historic Micaceous Pottery Production and Raw Material Procurement in a Southwestern Horse Nomad Society: The Jicarilla Apache of Northern New Mexico</i>	2004
Sigma Xi Research Society, Grants-in-Aid of Research \$1,500 • PRINCIPLE INVESTIGATOR <i>Tree-ring dating of Juniper in northern New Mexico Hispanic Sites.</i>	2001
The Woodrow Wilson Foundation Practicum Award \$5,000 • PRINCIPLE INVESTIGATOR <i>Historic Micaceous Pottery Production and Raw Material Procurement in a Southwestern Horse Nomad Society: The Jicarilla Apache of Northern New Mexico.</i>	2000
Michigan Memorial-Phoenix Project Research Grant \$10,000 • PRINCIPLE INVESTIGATOR <i>Neutron Activation Analysis of Micaceous Clay and Ceramics, Northern Rio Grande, New Mexico</i>	1999

Intramural • Grants

Southern Methodist University, ISEM Marr's Scholarship Award \$11,500 (AWARDED) The Fred Wendorf Legacy Collections Project, an Internship Opportunity	2018
Southern Methodist University, Instructional Technology Grant \$11,648 (DECLINED) Mersive meet Anthropology: A Wireless Streaming Media Solution for Collaboration in the Classroom	2017
Southern Methodist University, Dedman Interdisciplinary Institute \$2,000 (AWARDED) Research Cluster on Interdisciplinary Heritage Management and Museum Studies at SMU	2017

Southern Methodist University, Presidents Partners Grant \$5,000 (DECLINED) Archaeology in a Whole New Dimension: Integrated Touchscreen and 3D Visualization for Self-guided Interaction in the Classroom (supplement to project).	2017
Southern Methodist University, Instructional Technology Grant \$11,600 (AWARDED) Archaeology in a Whole New Dimension: Integrated Touchscreen and 3D Visualization for Self-guided Interaction in the Classroom.	2017
Southern Methodist University, ISEM Marrs Scholarship Award \$10,000 (AWARDED) 3D Geometric Morphometrics and Asymmetry: A Case Study from the SMU Archaeological Collections.	2016
Southern Methodist University, Presidents Partners Grant \$4,739 (NOT REVIEWED) Cultural Heritage in a New Dimension: 3D Visualization for Scientific Research, Preservation, and Education in Archaeology. (Not reviewed due to administrative error, will resubmit for 2017 cycle).	2016
Southern Methodist University, Hamilton Award \$2,000 (AWARDED) Villages of the Saints: A Social Analysis of Spanish American Acculturation in New Mexico by Donovan Senter.	2015
Southern Methodist University, Instructional Technology Grant \$5,000 (AWARDED) Microarchaeology: Portable, Live-Imaging in the Classroom.	2015
Southern Methodist University, Maguire Faculty Incentive Grant \$5,000 (AWARDED) ANTH 2380: Contemporary Issues in Archaeology.	2013
Southern Methodist University, Hamilton Award \$2,000 (AWARDED) Social Complexity and Ceramic Production in the Hohokam Core of Central Arizona.	2013
Southern Methodist University, President's Partners Grant \$2,500 (AWARDED) Award to purchase the Dino-lite portable camera microscope and Wi-fi adapter.	2013
Southern Methodist University, University Research Council Grant \$10,000 (AWARDED) <i>Unraveling the Mystery of Hohokam Ceramics Using Portable X-Ray Fluorescence.</i>	2011
Southern Methodist University, University Research Council Grant \$5,700 (AWARDED) <i>Childhood Depictions: Creating an Historical Archaeology of Children and Childhood on the Ranchos de Taos Plaza, New Mexico.</i>	2008
Southern Methodist University, Hamilton Award \$1,600 (AWARDED) <i>Childhood Depictions: A Retrospective Rephotography of Hispano Childhood in the Northern Rio Grande of New Mexico.</i>	2008
Southern Methodist University, President's Partners Grant \$2,400 (AWARDED) Award to support the purchase of essential field equipment for SMU-in-Taos.	2006

Awards and Honors

Office of the Provost Emerging Leaders Seminar	2017
Southern Methodist University Rotunda Outstanding Professor Award	2016
Downey Family Award for Faculty Excellence. SMU Institute for the Study of Earth and Man	2011
University of Michigan, Department of Anthropology. Innovative Teaching Award,	2004

Books • Edited Volumes

- B. Sunday Eiselt** 2012
Becoming White Clay: A History and Archaeology of Jicarilla Apache Enclavement. University of Utah Press.
- Michelle Hegmon and **B. Sunday Eiselt** (eds). 2005
Engaged Anthropology: Research Essays on North American Archaeology, Ethnobotany, and Museology.
Anthropological Papers No. 94. University of Michigan Museum of Anthropology, Ann Arbor.

Peer • Review Articles and Book Chapters

- B. Sunday Eiselt** n.d.
Net Returns: A Middle Range Theory of Prehistoric Fishing in the Northern Great Basin. (accepted)
American Antiquity
- B. Sunday Eiselt** n.d.
In the Shadow of the Horse: *Canid* Economy and Athapaskan-Pueblo Exchange. In *New Perspectives on Apachean Prehistory*, edited by John W. Ives and Joel Janetski. University of Utah Press. Salt Lake City (in review)
- B. Sunday Eiselt**, John W. Ives, J. Andrew Darling n.d.
Reach: In Athapaskan Origins and Interactions in the American Southwest. In *Pushing Boundaries: Proceedings of the 2018 Southwest Symposium*, edited by Stephen E. Nash. University Press of Colorado. Boulder, Colorado. (in review)
- B. Sunday Eiselt** 2019
New Perspectives on the Regional Agricultural Economy in the Ohkay Owingeh Homeland.
In *Reframing the Northern Rio Grande Pueblo Economy*, edited by Scott G. Ortman.
Anthropological Papers of the University of Arizona, University of Arizona Press, Tucson.
- Fowles, Severin and **B. Sunday Eiselt** 2019
Latitudinal Movements in Tiwa-Apache History. In *The Continuous Path: Pueblo Movement and the Archaeology of Becoming*, edited by Samuel Duwe and Robert W. Preucel, pp. 198-224.
Winner of the 2017 Amerind Foundation Seminar Series Competition. University of Arizona Press,
Amerind Studies in Anthropology.
- B. Sunday Eiselt**, John Dudgeon, J. Andrew Darling, Evelyn Noris Paucar, Michael G. Glascock, and M. Kyle Woodson 2019
In-Situ Sourcing of Hematite Paints on Hohokam Red on Buff Ceramics using Laser Ablation Inductively
• Coupled-Mass Spectroscopy (LA ICP-MS). *Archaeometry* 61(2):423-441. (DOI) - 10.1111/arc.12427
- B. Sunday Eiselt** 2018
Vecino Archaeology and the Politics of Play. *Oxford Handbook of the Archaeology of Childhood*, edited by Sally Crawford, Dawn Hadley, and Gillian Shepherd. Oxford University Press.
- B. Sunday Eiselt**, J. Andrew Darling, Samuel Duwe, Mark Willis, Chester Walker, William Hudspeth, Leslie Reeder-Meyers 2017
A Bird's-eye View of Proto-Tewa Subsistence Agriculture: Making the Case for Floodplain Farming
In the Ohkay Owingeh Homeland, New Mexico. *American Antiquity* Vol. 82(2): 397-413.
- B. Sunday Eiselt** and David Snow 2017
Plains-Pueblo Interaction in the American Southwest. In *The Oxford Handbook of the Archaeology of the North American Southwest*, edited by Barbara Mills and Severin Fowles. Oxford University Press.

- J. Andrew Darling and **B. Sunday Eiselt**
 Aquí Me Quedo: Vecino Origins and the Historic Settlement Archaeology
 of the Río del Oso, New Mexico. In *Transformations during the Colonial Era: Divergent Histories in the
 American Southwest*, edited by John Douglass and William Graves. University of Colorado Press. 2017
- B. Sunday Eiselt** and J. Andrew Darling
 Ethnogenesis and Demography in Southwest Vecino Society. In *Exploring Cause and Explanation
 Historical Ecology, Demography, and Movement in the American Southwest*, edited by Ann Ramenofsky
 and Cynthia Herhahn. University of Colorado Press, Boulder. 2016
- Samuel Duwe, **B. Sunday Eiselt**, J. Andrew Darling, Mark Willis, Chester Walker
 The Pueblo Decomposition Model: A Method for Quantifying Architectural Rubble to Estimate
 Population Size. *Journal of Archaeological Science* Vol. 65:20-31. 2016
- Sarah Trabert, **B. Sunday Eiselt**, David Hill, Jeffrey Ferguson, Margaret Beck
 Following a Glittering Trail: Geo-Chemical and Petrographic Characterization of Micaceous
 Sherds Recovered from Dismal River Sites. *American Antiquity*, 81(2):364-374 2016
- J. Andrew Darling, Barnaby Lewis, Robert Valencia, **B. Sunday Eiselt**
 Archaeology in the Service of the Tribe Three Episodes in 21st Century Tribal Archaeology in the
 U.S.-Mexico Borderlands. *Kiva: Journal of Southwestern Anthropology and History*, Vol. 81(1,2):62-79. 2015
- B. Sunday Eiselt**
 Upland-Lowland Corridors and Historic Jicarilla Apache Settlement in the Northern Rio Grande.
 In *From Mountain Top to Valley Bottom: Understanding Past Land Use in the Northern Rio Grande
 Valley, New Mexico*, edited by Bradley Vierra. University of Utah Press. 2013
- B. Sunday Eiselt** and J. Andrew Darling
 Vecino Economics: Gendered Economy and Micaceous Pottery Consumption in Nineteenth-Century
 Northern New Mexico. *American Antiquity* Vol. 77(3). 2012
- Margaret E. Beck, Jill Onken, **B. Sunday Eiselt**, J. Andrew Darling, and Jeffrey R. Ferguson
 Geomorphological Setting and Native American Acquisition of Buff-firing Ceramic Clays in the Lower
 and Middle Gila River Valley, Arizona. *Journal of Archaeological Science* Vol. 39:2:321-331. 2012
- B. Sunday Eiselt**, Rachel Popelka-Filcoff, J. Andrew Darling, Michael Glascock
 Hematite Sources and Archaeological Ochres from Hohokam and O'odham Sites in Central Arizona:
 An Experiment in Type Identification and Characterization. *Journal of Archaeological Science*
 Vol. 38:3019-3028. 2011
- B. Sunday Eiselt**
 Americanist Archaeologies: 2008 in Review. *American Anthropologist* Vol. 111(2). 2009
- B. Sunday Eiselt**
 The Jicarilla Apaches and the Archaeology of the Taos Region. In *Between the Mountains – Beyond
 the Mountains: Papers in Honor of Paul R. Williams*, edited by Emily Brown, Karen Armstrong,
 David M. Brugge, Carol Condie. *Papers of the Archaeological Society of New Mexico* Vol. 35, Albuquerque. 2009
- J. Andrew Darling and **B. Sunday Eiselt**
 Trails Research in the Gila Bend Area. In *Trails, Rock Features and Homesteading in the Gila Bend Area*,
 edited by John L. Czarzasty, Katherine Peterson, Glen E. Rice, J. Andrew Darling. *Anthropological Research
 Papers* No. 4. University of Arizona Press, Tucson Gila River Indian Community, Sacaton, Arizona 2009
- B. Sunday Eiselt** and Richard I. Ford
 Sangre de Cristo Micaceous Clays: Geochemical Indices for Source and Raw Material Distribution, Past
 and Present. *Kiva, The Journal of Southwest Archaeology and History* Vol. 73(2). 2007
- B. Sunday Eiselt** and Richard I. Ford
 Analysis of Micaceous Clay Sources in the Northern Rio Grande. *Transactions of the American
 Nuclear Society*, Vol. 101. 2006

- Gary Haynes and **B. Sunday Eiselt** 1999
 The Power of Pleistocene Hunter-Gatherers: Forward and Backward Searching for Evidence About Mammoth Extinction. In, Humans and Other Catastrophes. In, *Patterns and Causes of Late Quaternary Extinctions*, edited by Ross MacPhee. Advances in Vertebrate Paleobiology. Plenum Press, New York.
- B. Sunday Eiselt** 1997
 Fish Remains from the Spirit Cave Paleofecal Material: 9,400 Year Old Evidence for Great Basin Utilization of Small Fishes. *Nevada Historical Quarterly* 40(1):117-139.

Book • Reviews

- B. Sunday Eiselt** 2019
The Archaeology and History of Pueblo San Marcos: Change and Stability by Ann F. Ramenofsky And Kari L. Schleher. *American Antiquity*
- B. Sunday Eiselt** 2017
 Ephemeral Bounty: Wickiups, Trade Goods, and the Final Years of the Autonomous Ute by *Curtis Martin* *Kiva: Journal of Southwestern Anthropology and History*, 84(1), pp. 140–141
- B. Sunday Eiselt** 2014
 Pueblo Indians and Spanish Colonial Authority in Eighteenth-Century New Mexico by Tracy Brown. *Journal of Anthropological Research*, Vol 70(4):641-642.

Expert Reports and Testimony • Government and Federally Recognized Tribes

- B. Sunday Eiselt** 2017
 Satellite Inventory of Hopi Irrigated Lands in the Tributaries of the Little Colorado River. *Prepared for the Hopi Tribe in the General Adjudication of All Water Rights to Use Water in the Lower Colorado River System and Source.*
- B. Sunday Eiselt**, J. Andrew Darling, Samuel Duwe 2013
 Population History, Agricultural Land Use and Cultural Continuity in the Ohkay Owingeh Homeland, Rio Chama Watershed. *New Mexico v. Aragon*. Report prepared for Ohkay Owingeh Pueblo, Plaintiff.
- B. Sunday Eiselt** 2008
 Critical Review of United States and Ohkay Owingeh Expert Reports Regarding Precolumbian Water Use in the Santa Cruz and Truchas Watersheds. *New Mexico v. Abbott*. Report prepared for the State of New Mexico, Plaintiff.
- B. Sunday Eiselt** 2005
 Sangre de Cristo Micaceous Clays and Picuris Pueblo Ceramics: Geochemical Evidence for a Picuris Pueblo Clay Source District. Report prepared for Picuris Pueblo, Plaintiff.

Technical Reports • Federally Recognized Tribes

- J. Andrew Darling, Pat Stein, **B. Sunday Eiselt** n.d.
 S-Cuk-Kavick: Data Recovery at two Historic Sites (GR-649 and GR-1104 along P-MIP Canal Reach WS-IC in the Broadacres Area of the Gila River Indian Community, Maricopa County, Arizona. Gila River Indian Community, Cultural Resource Management Program, P-MIP Technical Report. Sacaton, AZ. (submitted)

B. Sunday Eiselt, and J. Andrew Darling n.d.
 Geochemical Indices for Ceramic Production in the Middle Gila River Valley: New Perspectives (in press)
 from the Lower Santan Platform Mound Village. In, *The Archaeology of the Pima-Maricopa Irrigation Project: Data Recovery Investigations in the Santan Area of the Gila River Indian Community*, edited by Andrew Lack and M. Kyle Woodson. Gila River Indian Community, Cultural Resource Management Program, P-MIP Technical Report. Sacaton, AZ.

J. Andrew Darling, **B. Sunday Eiselt** 2017
 The Rock Art of AZ T:12:208 (ASM), Pecos Road Locality, South Mountain Freeway Transportation Corridor (SR 202L), Maricopa County, Arizona. SWHR Technical Report 2017-4, Southwest Heritage Research LLC. Dallas, TX.

B. Sunday Eiselt, John Dudgeon 2017
 Geochemical Indices of Pinal Schist Utilization at the Gila Buttes on the Gila River Indian Community, Arizona Laser Ablation Inductively Coupled Plasma-Mass Spectroscopy (LA ICP-MS) Analysis of Mica-Tempered Ceramics and Whole Micaceous Rock Specimens from GR-1167, GR-1175, and GR-1205 for the El Paso Natural Gas Pipeline Project, Gila River Indian Community.

B. Sunday Eiselt, J. Andrew Darling, Hector Neff, John Dudgeon 2015
 Micaceous Schist Temper and Red Paint: Preliminary Results of National Science Foundation Funded Research for the P-MIP Santan Data Recovery Project, Gila River Indian Community. Gila River Indian Community, Cultural Resource Management Program, P-MIP Technical Report No. 2015-4. Sacaton, AZ.

B. Sunday Eiselt 2011
 Archaeological and Architectural Assessment: La Morada de Nuestra Senora de Guadalupe. Report prepared for Our Lady of Guadalupe Parish and the Taos La Hermandad de Nuestro Padre Jesús. Taos, New Mexico.

B. Sunday Eiselt, Linda Newman, Lorie Sinclair, Reylynn Williams 2007
 Chapter 11. Ceramics. In *Results of Testing and Data Recovery, SFPP, LP, East Line Expansion Project, Arizona Portion. Cochise, Pima, Pinal, and Maricopa Counties, Arizona, Final Report* edited by John C. Raveslout, M. Kyle Woodson, and Michael J. Boley. Prepared fro SFPP, LP and the Gila River Indian Community. William Self Associates Technical Report No. 2007-04.

J. Andrew Darling, Hector Neff, **B. Sunday Eiselt**, Linda Newman 2007
 Chapter 22. Using Time of Flight Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry (LA ICP-MS). In *Results of Testing and Data Recovery, SFPP, LP, East Line Expansion Project, Arizona Portion. Cochise, Pima, Pinal, and Maricopa Counties, Arizona, Final Report* edited by John C. Raveslout, M. Kyle Woodson, and Michael J. Boley. Prepared fro SFPP, LP and the Gila River Indian Community. William Self Associates Technical Report No. 2007-04.

B. Sunday Eiselt 2003
 A Data Recovery Plan for Two Historic Sites Along P-MIP Canal Reach WS-IC in the Broadacres Management Area, Gila River Indian Community. Pima Maricopa Irrigation Project Technical Report No. 2002-13. Gila River Indian Community, Cultural Resource Management Program, Sacaton, Arizona.

B. Sunday Eiselt 2003
 Historic Vernacular Architecture on the Gila River Indian Community. Pima Maricopa Irrigation Project Technical Report No. 2002-08. Gila River Indian Community, Cultural Resource Management Program, Sacaton, Arizona.

B. Sunday Eiselt and Christian Wells 2003
 Research Design for Chronological Investigations on the Gila River Indian Community. Pima Maricopa Irrigation Project Technical Report No. 2003-17. Gila River Indian Community, Cultural Resource Management Program, Sacaton, Arizona.

Linda Newman, and **B. Sunday Eiselt** 2003
 P-MIP Ceramics Procedures Manual. P-MIP Technical Report No.2003-09. Gila River Indian Community, Cultural Resource Management Program, Sacaton, Arizona.

- Arlynn Simon, Linda Newman, and **B. Sunday Eiselt** 2003
Ceramic Research Design for the Pima-Maricopa Irrigation Project (P-MIP). P-MIP Technical Report No.2003-15. Gila River Indian Community, Cultural Resource Management Program, Sacaton, Arizona.
- B. Sunday Eiselt** and M. Kyle Woodson 2002
A Class I Survey of the Casa Blanca Management Area, Gila River Indian Community. Pima Maricopa Irrigation Project Report No. 8. Gila River Indian Community, Cultural Resource Management Program.

Organized • Symposia

- B. Sunday Eiselt** and J. Andrew Darling 2010
Vecino Archaeology AD 1780-Present. 75th Annual Meeting of the Society for American Archaeology St. Louis, MO
- Kory Cooper, **B. Sunday Eiselt**, and John Welch 2008
Ways of Becoming: Dynamic Processes in the Creation of Athapaskan Identities and Landscapes. 73rd Annual Meeting of the Society for American Archaeology, Vancouver, B.C.
- Michelle Hegmon and **B. Sunday Eiselt** 2005
Research Papers on Engaged Archaeology and Museology in Honor of Richard I Ford 70th Annual Meeting of the Society for American Archaeology, Salt Lake City, Utah.
- J. Andrew Darling and **B. Sunday Eiselt** 2000
Mexico North Research Network, First International Conference on Biocultural Diversity, Exploring Diversity Through Innovative Research and Education in Borderland Environments June 13-16, 2000. Chihuahua City, Mexico.

Invited • Lectures

- B. Sunday Eiselt** 2018
Becoming White Clay: The Hidden History and Archaeology of the Jicarilla Apache prior to Reservation Confinement in Northern New Mexico. Voices of the Past Series. Southwest Seminars, Santa Fe, NM. Jan 8, 2018.
- B. Sunday Eiselt** and John W. Ives 2018
Understanding "Reach" In Athapaskan Origins and Interactions in the American Southwest. Paper presented at Southwest Symposium XVI – Pushing Boundaries: Expanding Perspectives on Plains-Pueblo Interaction, Denver, Co.
- B. Sunday Eiselt** 2017
The Canine Question: The Role of Dog Husbandry in Athapaskan Migration and Plains-Pueblo Exchange. The Second Dene Migration Symposium, "Mending the Holes in our Stories." Tuut'ina Nation, Calgary, Alberta, Canada. September 9, 2017
- B. Sunday Eiselt** 2017
Becoming White Clay: The Hidden History and Archaeology of the Jicarilla Apache prior to Reservation Confinement in Northern New Mexico. Wheelwright Museum. Santa Fe, New Mexico Exhibition: Jicarilla: Home Near the Heart of the World. April 13, 2017.
- B. Sunday Eiselt** 2015
New Mexico's Equestrian Nomads: Comanche, Jicarilla Apaches and Utes School of Advanced Research, Santa Fe, NM.
- B. Sunday Eiselt** and J. Andrew Darling 2012
Ethnogenesis and Demography in Southwest Vecino Society. Paper presented at Southwest Symposium XIII - Causation and Explanation: Demography, Movement, Historical Ecology. Albuquerque, NM.

- B. Sunday Eiselt**
The Settlements, Sacred Sites, and Ceramics of the Jicarilla Apache
Voices of the Past Series. Southwest Seminars, Santa Fe, NM. 2011
- B. Sunday Eiselt**
Minor Omissions: The Archaeology of Childhood on the Ranchos de Taos Plaza
SMU-in-Taos Colloquium Series, Taos, New Mexico. 2010
- B. Sunday Eiselt** and Felipe V. Ortega 2010
The Potter's Apprentice: First Principles in Archaeological Engagement. Paper presented at Southwest Symposium XII – Building Transnational Archaeologies. Hermosillo, Mexico.
- B. Sunday Eiselt** 2006
The Breath of Clay: Enclave Ideology and the Emergence of Pre-Reservation Jicarilla Apache Society.
Paper presented at the Southwest Symposium X, Carlsbad, New Mexico.

Conference • Presentations

- B. Sunday Eiselt** 2017
Micaceous Pottery and Social Justice: Why Ceramics Matter in Indigenous Land and Water Rights Cases.
Paper presented at Ceramic Ecology XXXI: *Ceramic Ecology Matters!* 116th Annual Meeting of the
American Anthropological Association, Washington, D.C.
- B. Sunday Eiselt** 2017
The Canine Question: The Role of Dog Husbandry in Athapaskan Migration and Plains-Pueblo Exchange.
Paper presented in Implications of the Promontory, Dismal River and Franktown Archaeological Records for
Apachean Prehistory at the 82st Annual Meeting of the Society for American Archaeology, Vancouver BC.
- B. Sunday Eiselt** and Patrick Livingood 2016
Net Gains and Net Returns: Gear Selectivity and Mass Harvested Minnows in the Northern Great Basin.
Paper presented in From Dirt to Behavior: Papers in Honor of David B. Madsen at the 81st Annual Meeting
of the Society for American Archaeology, Orlando, Florida.
- B. Sunday Eiselt** 2016
Vecino Archaeology and the Politics of Play. Paper presented in Historical Archaeology of Childhood:
From the Past and into the Present, Society for Historical Archaeology Meetings, Washington, D.C.
- J. Andrew Darling, **B. Sunday Eiselt**, Rachel Popelka-Filcoff, and John Dudgeon 2016
Heđt. Paper presented in Towards a Global Understanding of Ochre Use: Methods, Definitions and
Applications (Sponsored by the Society for Archaeological Sciences) at the 81st Annual Meeting of the
Society for American Archaeology, Orlando, Florida.
- Sarah Trabert, **B. Sunday Eiselt**, David Hill, Jeffrey Ferguson and Margaret Beck 2016
Characterizing Micaceous Vessels on the Central High Plains in General Session: Plains and Basin
Archaeology at the 81st Annual Meeting of the Society for American Archaeology, Orlando, Florida.
- B. Sunday Eiselt** 2015
A Clash of Tempers: Ways of Knowing Mica and the Micaceous Ceramic Traditions of the American
Southwest. Paper presented at Ceramic Ecology XXIX: Current Ceramic Research and its Implications for
Understanding the Past as Familiar/Strange, 114th Annual Meeting of the American Anthropological
Association, Denver, Co.
- B. Sunday Eiselt**, J. Andrew Darling, Samuel Duwe, Chet Walker, Mark Willis 2015
Groundtruthing from the Air: Reconstructing Tribal Agricultural and Landscape Systems in the Lower
Chama Valley, New Mexico using Low Elevation UAV Technology. Paper presented at the 80th Annual
Meeting of the Society of American Archaeology, San Francisco, CA.

- Rachel Burger, **B. Sunday Eiselt** and J. Andrew Darling 2014
 New Perspectives on Sapawe Flutes and Whistles. Poster presented at the 79th Annual Meeting of the Society of American Archaeology, Austin, TX.
- John W. Ives and **B. Sunday Eiselt** 2013
 Paleoindian Social Landscapes: Thought Models for Kinship in Unique Demographic Settings. Poster presented at the Paleoamerican Odyssey: A Conference Focused on First Americans Archaeology, Santa Fe, NM.
- B. Sunday Eiselt** and J. Andrew Darling 2012
 Aquí Me Quedo: Vecino Origins and the Historic Settlement Archaeology of the Río del Oso, New Mexico. Paper presented at the 77th Annual Meeting of the Society of American Archaeology, Memphis, TN.
- B. Sunday Eiselt** and John W. Ives 2011
 Kinship: The Unattended Dimension of Paleoindian Research. Paper presented at the 76th Annual Meeting of the Society of American Archaeology, Sacramento, CA (In, Questioning Assumptions: Celebrating the Work and Influence of John D. Speth)
- J. Andrew Darling and **B. Sunday Eiselt** 2011
 More Uses of the Past: Archaeology in the Service of the Tribe. Paper presented at the 76th Annual Meeting of the Society of American Archaeology, Sacramento, CA. (In, Theory, History, and Multi-disciplinarity: Papers in Honor of Don Fowler).
- Lauren O'Brien and **B. Sunday Eiselt** 2011
 Thermal Efficiency and Durability of Micaceous Clay Cookware from the Northern Rio Grande. Poster presented at the 76th Annual Meeting of the Society of American Archaeology, Sacramento, CA.
- B. Sunday Eiselt**, Katy Pocklington, Nicola Muchnikov 2010
 Vecino Archaeology and the Politics of Play. Paper presented at the 75th Annual Meeting of the Society for American Archaeology St. Louis, MO.
- B. Sunday Eiselt** 2008
 The Southwest Athapaskan Equation. Enclave Ideology in the Colonization of New Mexico by the Jicarilla Apaches. Paper presented at the 73rd Annual Society for American Archaeology Meeting, Vancouver, British Columbia.
- B. Sunday Eiselt** 2007
 Enclave Economy and Ceramic Exchange: Historic and Archaeological Evidence from the Northern Rio Grande of New Mexico. Paper presented at the 72nd Annual Society for American Archaeology Meeting. Austin, Texas.
- J. Andrew Darling, Hector Neff; **B. Sunday Eiselt**, and Linda Newman 2007
 Recent Advances in Provenance Research Along the Middle Gila River Valley Using Time of Flight Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS). Poster presented at the 72nd Annual Society for American Archaeology Meeting, Austin Texas.
- B. Sunday Eiselt**, and Richard I. Ford 2006
 Clay Source Selection and its Influence on Trace Element Geochemistry of Residual Micaceous Clay: Examples from Northern Rio Grande Potters. Paper presented at the American Nuclear Society, Winter Meeting and Nuclear Technology Exposition.
- B. Sunday Eiselt** 2005
 Micaceous Clay Source Geochemistry and Evidence for Ceramic Source Utilization by Jicarilla, Pueblo, and Hispanic Potters of Northern New Mexico. Paper presented at the 2005 Pecos Conference, White Rock, New Mexico.
- J. Andrew Darling, and **B. Sunday Eiselt** 2005
 Consumer-Producer Relations and Interethnic Economy of Nineteenth-Century Hispanic Communities of the Lower Chama Valley, New Mexico. Paper presented at the 70th Annual Society for American Archaeology Meetings, Salt Lake City, Utah.

<u>B. Sunday Eiselt</u>	2004
Historic Micaceous Pottery Production and Raw Material Procurement in a Southwestern Horse Nomad Society: The Jicarilla Apache of Northern New Mexico. Paper presented at the 69th Annual Society for American Archaeology Meeting, Montreal, Canada.	
Agnoli, Francesca, Nigel S. Bloom, and <u>B. Sunday Eiselt</u>	2004
ICP/MS "Fingerprinting" in the Studies of the Provenance of Archaeological Ceramics. Paper presented at EUROANALYSIS XIII, the Biennial Conference on Analytical Chemistry in Europe, Salamanca, Spain.	
<u>B. Sunday Eiselt</u>	2003
Nineteenth Century Jicarilla Apache Occupations in the Rio del Oso Valley, Northern New Mexico. Paper presented at the 2nd Apache Archaeology Conference. Lincoln National Forest Heritage Program, Carlsbad, New Mexico.	
<u>B. Sunday Eiselt</u> and M. Kyle Woodson	2002
The Organization of Two Hohokam Platform Mound Communities Along the Casa Blanca Canal System: An Example from the Middle Gila Valley. Paper presented at the 67th Annual Society for American Archaeology Meeting, Denver, Colorado.	
<u>B. Sunday Eiselt</u> , Robert Bear, and Ruth Greenspan	1998
At the Water's Edge: Fishing Practices and Gear Selectivity in the Prehistoric Northern Great Basin as Evidenced by Archaeological Fish Remains and Modern Fishing Experiments. Paper presented at the 63rd Annual Society for American Archaeology Annual Meeting, Seattle, Washington and at the 1998 Ethnobiology Conference, Reno, Nevada.	
Catherine S. Fowler, L. Housley, William Cannon, <u>B. Sunday Eiselt</u> and Karen Gupta	1998
Pit Roasting Valerian Root with the Surprise Valley Paiute. Paper presented at the 1998 Ethnobiology Conference. Reno, Nevada.	
<u>B. Sunday Eiselt</u>	1997
Defining Cultural Identity in Warner Valley: An Analysis of House and Home. Paper presented at the 62nd Annual Society for American Archaeology Annual Meeting, Nashville and at the 1997 American Anthropological Association Meeting, Washington, D. C.	
<u>B. Sunday Eiselt</u>	1996
Subsistence Choices in the Great Basin. Poster presented at the 61st Annual Society for American Archaeology Annual Meeting. New Orleans, LA.	
Peter Wigand, Peter Mehringer, and <u>B. Sunday Eiselt</u>	1996
Native American Diet and Environmental Contexts of the Holocene Revealed in the Pollen and Macrofossil Contents of Human Coprolites. Paper presented at the 25th Great Basin Anthropological Conference.	

Public and Popular Media • Articles

Laray Polk	2017
Where Dallas History Goes to Die. <u>Dallas Magazine</u> . December Issue	
Margaret Allen (SMU Research News)	2013
Hiding in Plain Sight: How Invisibility Saved New Mexico's Jicarilla Apache.	
NSF Funds Research to Unravel Arizona's Prehistoric Puzzle: The Hohokam Ceramic Industry	
New Mexico "Childhood Archaeology Project" Unearths Centuries of Change	
Taos: Modern Archaeology Goes Beyond Digging	
Julian Smith	2010
Child's Play: Excavated Toys and Games Reflect the Changing Experience of Childhood	
In New Mexico. <u>Archaeology Magazine</u> . Vol. 63(3) [Feature Article, May/June Issue]	
Anna June	2009
Opening the Door to History. <u>New Mexico Free Press</u> . June 9, 2009 Centerpiece	

Synergistic • Activities

Peer reviewer, granting agencies:

National Science Foundation, Division of Behavioral and Cognitive Sciences, Archaeology Division
National Geographic Committee for Research and Exploration
Archaeometry Laboratory NSF Subsidy Program, Missouri University Research Reactor

Peer reviewer, refereed journals

American Antiquity
American Anthropologist
Journal of Archaeological Sciences
Geoarchaeology
Journal of Anthropological Research
Quaternary International

Fundraising, SMU Department of Anthropology

Department of Anthropology Legacy Fund: Raised \$16,134 in 2015 to support infrastructure projects
Archaeology Collection and Curation Committee: Raised \$34,000 in 2015 to support collections work

Courses

Anth 1321: Modern World Archaeology (Southern Methodist University)
Anth 2380: Cultures at Risk: Human Rights and Heritage Today (Southern Methodist University)
Anth 2363: The Science of Our Past: An Introduction to Archaeology (Southern Methodist University)
Anth 3318: The Prehistory of the American Southwest (Southern Methodist University)
Anth 4399: Integrated Themes in Anthropology (Southern Methodist University, Department Capstone Senior Course)
Anth 5681: Field Methods in Archaeology (Southern Methodist University)
Anth 5981: Field Archaeology (Southern Methodist University)
Anth 6033: Pro-seminar in Archaeological Ethics (Southern Methodist University)
Anth 6301: Principles of Archeology (Southern Methodist University)
Anth 4387/6387: Advances in Archaeological Practice (Southern Methodist University)
Anth 6302: Statistics in Anthropology (Southern Methodist University)
Anth 7321: Ceramics for Archaeologists (Southern Methodist University)
Anth 3541: Columbian Consequences: Culture Contact in the New World (University of Michigan)

SMU Ph.D Committees • Defended

Jenna Battillo (SMU). Gender and Diet in the American Southwest Basketmaker III Period (Member)	2017
Albert Gonzalez: Turley's Mill and the Archaeology of Latinos in the United States (Member)	2015
Maeve Skidmore: Middle Horizon Household Interactions, Pikillacta, Lucre Valley, Peru. (Member)	2014
Jason Theuer: Ceramic production at Hummingbird Pueblo, New Mexico (Member)	2013
Amanda Aland: Inka Occupation and Chimú-Inka Contact in the Chao Valley, Peru (Member)	2013
Susan Bruning: Integrating Research on Western Pueblo Identities and Affiliations in Repatriation (Member)	2013
Leslie Reeder: Village Development and Mainland Exchange During the Late Archaic in the Channel Islands (Member)	2012
Kylie Quave: Archaeological and Historical Perspectives on the Inka Estate Community of Maras Peru (Member):	2012

SMU Ph.D Committees • In Progress

Bonnie Etter (SMU). Texas Historical Archaeology	Chair
Rachel Burger (SMU). Food Security and Social Institutions Northern Rio Grande Pueblo	Chair
Ian Jorgesson (SMU). Social Networks and Middle Rio Grande Pueblos	Chair
Delfin Weis (SMU). Frontier Childhood Archaeology American Southwest	Chair

Gwen Bakke (SMU). Protohistoric to Historic Subsistence Transitions of the Wichita Indians of Texas
Andrew Montgomery (SMU). Peruvian Archaeology
Dawn Crawford (SMU). Origins of complexity, Mesoamerica

Member
Member
Member

Professional • Organizations

American Anthropological Association
Society for American Archaeology
Society for Historical Archaeology
Arizona Archaeological and Historical Society
Phi Beta Kappa Honors Society
Golden Key Honor Society

Publications in Preparation

B. Sunday Eiselt, John Dudgeon, J. Andrew Darling and Evelin Paucar

Igniting the Sparkle: Geochemical Indices and Source Utilization of Pinal Micaceous Schist in the Production of Hohokam Ceramics and Figurines from Central Arizona.

Status: 90% complete for submission to the *Journal of Archaeological Science* in Spring 2019.

Burger, Rachel, **B. Sunday Eiselt**, and J. Andrew Darling

The Ritual Ecology of Bone Flutes and Whistles at the Classic Period Site of Sapa-owuingeh, New Mexico.

Status: 60% complete for submission to *American Antiquity* in Spring/Summer 2019.

B. Sunday Eiselt (BOOK PROJECT).

Jicarilla Micaceous: A Ceramic Archaeology. University of Utah Press

Status: Four of seven chapters completed for draft manuscript submission in Spring of 2020.