

Grant Snitker

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School of Human Evolution and Social Change
Arizona State University
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EDUCATION

- 2013-Present Ph.D. Candidate, SHESC, Arizona State University
Certificate in Museum Studies completed Fall 2016
Anticipated Ph.D. completion in summer 2018
- 2013 Masters of Arts in Anthropology, SHESC, Arizona State University
- 2010 Bachelors of Arts in Anthropology, Clark Honors College, University of Oregon

RESEARCH INTERESTS

Anthropogenic landscapes, Neolithic in Spain, prehistoric fire regimes, human niche construction, GIS and computational modeling, paleoecology, museum studies

REGIONAL INTERESTS

Western Mediterranean (Spain), Northern Arizona, Western United States

POSITIONS HELD

- 2012-Present Digital Curator
The Digital Archaeological Record (tDAR), Digital Antiquity, Arizona State University, Tempe, AZ
- 2016 Archaeology Technician, Blue Ridge Ranger District, Coconino National Forest, Flagstaff, AZ
- 2011-13 Exhibits and Collections Manager
Deer Valley Petroglyph Preserve, Center for Archaeology and Society, Arizona State University, Tempe, AZ
- 2010-11 Archaeology Collections Assistant,
Burke Museum of Natural History and Culture, University of Washington, Seattle, WA

PUBLICATIONS (*indicates peer-review)

- Accepted ***Grant Snitker**, Agustín Díez Castillo, C. Michael Barton, Joan Bernabeu Auban, Oreto García Puchol, Salvador Pardo-Gordó
Patch-based survey methods for studying prehistoric human land-use in agriculturally modified landscapes: A case study from the Canal de Navarrés, eastern Spain. Submitted to Quaternary International.
- In review ***Grant Snitker**
Identifying Natural and Anthropogenic Prehistoric Fire Regimes through Simulated Charcoal Proxy Records. Submitted to Journal of Archaeological Science.

- 2016 *Agustin Díez Castillo, Oreto García Puchol, Joan Bernabeu Aubán, C Michael Barton, Salvador Pardo Gordò, **Grant Snitker**, Wendy Cegielski, and Sean Bergin. Resiliencia y cambio durante el Holoceno en la Canal de Navarrés: recientes trabajos de prospección. *Archivo de Prehistoria Levantina*. Vol. XXXI, Valencia, p. 169-185.
- 2016 *Strawhacker, Colleen, **Grant Snitker**, Katherine Spielmann, Maryann Wasiolek, Jonathan Sandor, Ann Kinzig, and Keith Kintigh. Risk Landscapes and Domesticated Landscapes: Food Security in the Salinas Province. In *Landscapes, Mobilities, and Social Transformations: Arriving at the Fifteenth Century in the Pueblo Rio Grande*, edited by K. Spielmann, pp. 124–150. University of Arizona Press.
- 2008 *Erlandson, Jon M., Todd J. Braje, and **Grant Snitker**. Two chipped stone crescents from CA-SMI-680, Cardwell Bluffs, San Miguel Island, California. *Current Research in the Pleistocene*. Vol. 25, 2008.

REPORTS

- 2015 **Snitker, Grant**. *Anthropogenic Fire and Paleo-Charcoal Study at Chavez Pass, AZ: 2015 Report*. Submitted to the Coconino National Forest Supervisor's Office, Flagstaff, AZ.
- 2015 **Snitker, Grant**. A Spatial Analysis of Archaeological Sites, Vegetation, and Artifacts within the Agua Fria National Monument: Legacies on the Landscape 2013 Field Season. In *Final Report of the Spring 2013 Field Season, Legacies on the Landscape: Agua Fria National Monument and Tonto National Forest*, edited by Kate Spielmann, pp. 45-52. Submitted to the Bureau of Land Management, Phoenix, Arizona
- 2014 Rivers-Cofield, Sara, Jodi Reeves Flores, Francis P. McManamon, Adam Brin, **Grant Snitker**, Chelsea Walter, Michael A. Smolek, and Amanda Vtipil. Evaluating a Cooperative Approach to the Management of Digital Archaeological Records. Submitted to Department of Defense Legacy Resource Management Program, Proj. 13-711.

OTHER PUBLICATIONS

- 2014 **Snitker, Grant**. “Notes from the Field” report on NSF-funded fieldwork in Valencia, Spain. Published in the SAA Geoarchaeology Interest Group Fall Newsletter.
- 2008 **Snitker, Grant**. Investigation and Identification of “Fourteen Willow Sticks” from the Chewaucan Cave Cache. *Current Archaeological Happenings in Oregon*. Vol. 33, Number 3, 2008.

TEACHING EXPERIENCE

- 2017 Lecturer, Osher Lifelong Learning Institute Lecture Series, Arizona State University, Tempe, Arizona
Developed original lectures on general archaeological principles and methods for non-traditional students over the age of 50

- 2016 Lecturer, ASM 222: Buried Cities and Lost Tribes, Arizona State University, Tempe, AZ
Developed original content on the archaeology of climate/environmental change
- 2016 Instructor, ASM 484: Research Apprenticeship, Arizona State University, Tempe, AZ
Hands-on/participatory instruction in archaeology related methods and theory for non-
anthropology majors including field and laboratory instruction
- 2010-11 Instructor, ANTH 408: Fieldwork in Archaeology, University of Oregon, Eugene, OR
Fieldwork-based instruction in basic archaeological excavation and survey methods

GRANTS AND FELLOWSHIPS

- 2016-18 NSF Doctoral Dissertation Research Improvement Award, \$28,861
National Science Foundation award for dissertation entitled “Anthropogenic Fire and the
Origins of Agricultural Landscapes: Human Niche Construction during the Neolithic
(7,700-4,500 cal. BP) in Eastern Spain”
- 2012-17 NSF Graduate Research Fellowship, \$94,000 and \$32,000
National Science Foundation fellowship for graduate student research includes stipend
and cost-of-education allowance over three years
- 2016 Graduate Education Research Support Program Grant, \$1,795
Graduate and Professional Student Association, Arizona State University, Tempe, AZ
- 2016 Graduate Research Award, \$3,000
School of Human Evolution and Social Change, Arizona State University, Tempe, AZ
- 2016 Arizona Archaeological and Historical Society Research Grant, \$500
Arizona Archaeological and Historical Society, Tucson, AZ
- 2016 Jumpstart Research Grant, \$500
Graduate and Professional Student Association, Arizona State University, Tempe, AZ
- 2016 Group Travel Grant, \$3,150
Graduate and Professional Student Association, Arizona State University, Tempe, AZ
- 2015 TREE (Travel, Research and Educational Experience) Grant, \$525
Association for Fire Ecology, 6th Association for Fire Ecology Fire Congress, San
Antonio, TX
- 2014 Graduate Student Research Grant, \$1,780
School of Human Evolution and Social Change, Arizona State University, Tempe, AZ
- 2012 Conference Travel Grant, \$200
School of Human Evolution and Social Change, Arizona State University, Tempe, AZ
- 2010 Jones Scholarship, \$600
Oregon Archaeological Society, Portland, OR

HONORS AND AWARDS

- 2017 Ruppé Prize in Archaeology
Outstanding graduate student paper, School of Human Evolution and Social Change,
Arizona State University, Tempe, AZ
- 2016 ISSR Graduate Student Poster Contest Winner
3rd Place and \$800.00, Institute for Social Science Research, Arizona State University,
Tempe, AZ
- 2015-17 Graduate Excellence Award
College of Liberal Arts and Sciences, Arizona State University, Tempe, AZ
- 2010 Completed honors thesis with distinction (highest award)
Department of Anthropology, University of Oregon, Eugene, OR
- 2006-10 Dean's Award
College of Liberal Arts and Sciences, University of Oregon, Eugene, OR

OTHER FIELD AND RESEARCH EXPERIENCE

- 2017-Present Communicating Hazard Information in the Modern Environment
(CHIME) Project
Research Associate, Arizona State University, Tempe, AZ and the National Center for
Atmospheric Research, Boulder, CO
- 2015-Present Anthropogenic Fire and the Origins of Agricultural Landscapes Project
Co-Principal Investigator, Valencian Community, Spain; Arizona State University,
Tempe, AZ and Universitat de València, Valencia, Spain
- 2015-Present Prehistoric Fire Project at Chavez Pass, AZ
Co-Principal Investigator/Field Director; Coconino National Forest, Flagstaff, AZ and
Arizona State University, Tempe, AZ
- 2015-Present Long-Term Vulnerabilities and Transformations Project
Research Associate (GIS Specialist); Arizona State University, Tempe, AZ
- 2014-Present The Emergence of Coupled Natural and Human Landscapes in the Western
Mediterranean Project
Research Associate, Arizona State University, Tempe, AZ and Universitat de València,
Valencia, Spain
- 2015-17 Ethnobotany and Sedimentary Charcoal Laboratory
Sedimentary Charcoal Analyst; Arizona State University, Tempe, AZ
- 2014 Legacies on the Landscape Project
GIS and Modeling Analyst, Arizona State University, Tempe, AZ
- 2012 NABO Gufuskálar Medieval Fishing Station Excavations
Excavator, Gufuskálar, Iceland; City University of New York (CUNY) and Arizona State
University

OTHER COLLECTIONS EXPERIENCE

- 2014 Coconino National Forest NAGPRA Project at Chavez Pass
Archaeological Technician, Archaeological Research Institute (ARI), Arizona State University, Tempe, AZ
- 2009 National Science Foundation-Research Experience for Undergraduates (NSF-REU)
Bioarchaeology collections, Department of Anthropology, University of Notre Dame, South Bend, IN
- 2009 Burke Museum of Natural History and Culture
Collections Assistant Intern, University of Washington, Seattle, WA
- 2008 American Center for Oriental Research (ACOR)
Collections Intern, Boston University, Amman, Jordan
- 2008 Willamette Heritage Center
Historical Collections and Research Intern, Salem, OR
- 2007-09 Museum of Natural and Cultural History, Research Division
Collections Assistant, University of Oregon, Eugene, OR

CURATED MUSEUM EXHIBITS

- 2012-16 The Agave Research Exhibit
Designer and Curator, Deer Valley Petroglyph Preserve, Center for Archaeology and Society, Arizona State University, Tempe, AZ
- 2013 Looking for the Future in the Past: Archaeology's Long-Term View
Exhibit Contributor and Design Collaborator, Center for Archaeology and Society, Arizona State University, Tempe, AZ
- 2012 Changing Landscapes: A Closer Look at Baby Canyon Pueblo
Designer and Curator, Deer Valley Petroglyph Preserve, Center for Archaeology and Society, Arizona State University, Tempe, AZ

PRESENTED PAPERS AND POSTERS (* indicates invited)

- 2017 ***Grant Snitker**
Fire, Humans, and Landscape Change: Simulating Charcoal Proxy Records to explore Anthropogenic Fire and Neolithic Landscapes in the Western Mediterranean. Paper presented at the COMSES Net Virtual Conference 2017, Tempe, AZ
- 2017 **Grant Snitker**
Reconstructing Anthropogenic Fire Regimes Using Multidisciplinary Methods: Preliminary Results from the Neolithic (7,700–4,500 cal. BP) in Eastern Spain. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, B.C.

- 2017 *Colleen Strawhacker, **Grant Snitker**, Keith Kintigh, Ann Kinzig and Katherine Spielmann
Measuring Risk to Food Security in the Prehispanic U.S. Southwest: The Salinas Region in the Broader Southwest World. Paper presented at the 82st Annual Meeting of the Society for American Archaeology, Vancouver, B.C.
- 2016 ***Snitker, Grant**
Fire, Humans, and Landscape Evolution: Modeling Anthropogenic Fire and Neolithic Landscapes in the Western Mediterranean. Paper presented at the 81st Annual Meeting of the Society for American Archaeology, Orlando, FL
- 2015 ***Snitker, Grant**
Linking the Social and Ecological Dynamics of Anthropogenic Fire Regimes through Agent-based Modeling (ABM) and Geographic Information Systems (GIS). Paper presented at the 6th Association for Fire Ecology Fire Congress, San Antonio, TX
- 2014 Diez Castillo, Agustín, Joan Bernabeu Aubán, Michael C. Barton, Oreto García Puchol, Sean Bergin, Salvador Pardo Gordó, Wendy H. Cegielski, and **Grant Snitker**
Paperless survey? New methodological approaches to archaeological fieldwork, the case of La Canal de Navarrés (València). Paper presented at the Workshop: Dando sentido a la prospección arqueológica, Jaén, Andalucía, Spain.
- 2014 **Snitker, Grant**
Exploring the Dynamics of Anthropogenic Fire Regimes through Agent Based Modeling (ABM) and Geographic Information Systems (GIS). Poster presented at the 79th Annual Meeting of the Society for American Archaeology, Austin, TX
- 2014 Cegielski, Wendy, **Grant Snitker**, Gayle Timmerman, C. Michael Barton, and Bette Otto-Bliesner
Reconstructing Local Paleoclimate Data with Global and Local Variables: A Re-examination of “Downscaling” with Updated Paleoclimate Models. Poster presented at the 79th Annual Meeting of the Society for American Archaeology, Austin, TX
- 2013 *McGovern, Thomas, Jette Arneborg, Seth Brewington, Laura Comeau, Andrew Dugmore, George Hambrecht, Keith Kintigh, Christian Madsen, Michelle Hegmon, Scott Ingram, Margaret Nelson, R. Oram, Matthew Peeples, Brenda Shears, Ian Simpson, Konrad Smiarowski, **Grant Snitker**, Katherine Spielmann, Colleen Strawhacker, Andrea Torvinen, Orri Vésteinsson.
Completed Long-Term Experiments? Mobilizing Archaeology in the Anthropocene. Paper presented at the Theoretical Archaeology Group, May 9-11, Chicago, IL
- 2013 **Snitker, Grant**, Andrea Torvinen, and Rhian Stotts
Testing the Application of Adaptive Governance of Common Pool Resources: An Archaeological Perspective. Poster presented at the 78th Annual Meeting of the Society for American Archaeology, Honolulu, HI
- 2012 *Torvinen, Andrea, **Grant Snitker**, and Rhian Stotts
Testing the Application of Adaptive Governance of Common Pool Resources: An Archaeological Perspective. Poster presented at the 1st Annual Human Ecodynamics Research Center Open Workshop in Sustainability and Education, New York, NY

2010 Jenkins, Dennis L., **Grant J. Snitker**, Craig E. Skinner, Jennifer J. Thatcher, Thomas M. Origer, and Janine M. Loyd,
Current Results of Obsidian Sourcing and Hydration Studies at the Paisley Caves,
Oregon. Paper presented at the 63rd Northwest Anthropological Conference, Ellensburg,
WA

SERVICE

2016-17 Interagency Fire Archaeology Cohort
Organizer of monthly calls and meetings, Coconino National Forest, Flagstaff, AZ

2016 Intel International Science and Engineering Fair
Grand Awards Judge, Behavioral and Social Sciences, Phoenix, AZ

2016 Society for American Archaeology
Conference Volunteer, 81st Annual Meeting of the Society for American Archaeology,
Orlando, FL

2015 Association for Fire Ecology
Conference Volunteer, 6th Annual Congress for the Association for Fire Ecology, San
Antonio, TX

2014 Society for American Archaeology
Conference Volunteer, 79th Annual Meeting of the Society for American Archaeology,
Austin, TX

2012-13 School of Human Evolution and Social Change
Graduate Student Mentor, Arizona State University, Tempe, AZ

PROFESSIONAL MEMBERSHIPS

Archaeological Institute of America
Arizona Archaeological and Historical Society
Association for Fire Ecology
ASU Graduate and Professional Student Association
Interagency Fire Archaeology Cohort
SAA Geoarchaeology Interest Group
SAA Digital Data Interest Group
Society for American Archaeology

OTHER RELEVANT SKILLS

Advanced training in GIS analyses (GRASS GIS, QGIS, R Statistical Software, and ArcGIS)
Basic spoken and reading comprehension in Spanish
Wildland firefighter (FFT2 Q, FFT1 T) and archaeological resource advisor on wildfire incidents