

# Grant Snitker

November 2017

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        \***Snitker, Grant** 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        \***Snitker, Grant**  
Identifying Natural and Anthropogenic Prehistoric Fire Regimes through Simulated Charcoal Proxy Records. Submitted to Journal of Archaeological Science.

- 2016 \*Díez Castillo, Agustin, 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

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- 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

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- 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

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- 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**

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- 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, 6<sup>th</sup> 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

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- 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  
3<sup>rd</sup> 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

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- 2017-Present   Landscape, Encounters, and Identity (LEIA) Project  
Research Associate, University of Washington, Seattle, WA and the Catalan Institute of  
Classical Archaeology, Tarragona, Spain.
- 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
- 2016      Klamath River Prescribed Fire Training Exchange (TREX)  
Firefighter Type-1 Trainee and Collaborator, Mid Klamath Watershed Council and Karuk  
Tribal Council, Happy Camp, CA
- 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 (LTVTP)  
Research Associate (GIS and Modeling Specialist), Arizona State University, Tempe, AZ
- 2014-Present   The Emergence of Coupled Natural and Human Landscapes in the Western  
Mediterranean (MedLand) 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 Analyst, Arizona State University, Tempe, AZ
- 2012          NABO Gufuskálar Medieval Fishing Station Excavations  
Excavator, Gufuskálar, Iceland, City University of New York (CUNY), New York, NY  
and Arizona State University, Tempe, AZ

#### **OTHER COLLECTIONS EXPERIENCE**

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- 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**

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- 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)**

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- 2017          **\*Snitker, Grant**  
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 **Snitker, Grant**  
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 82<sup>st</sup> Annual Meeting of the Society for American Archaeology, Vancouver, B.C.
- 2017 \*Strawhacker, Colleen, **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 82<sup>st</sup> 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 81<sup>st</sup> 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 6<sup>th</sup> 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 79<sup>th</sup> 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 79<sup>th</sup> 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, Richard 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 78<sup>th</sup> 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 63<sup>rd</sup> Northwest Anthropological Conference, Ellensburg, WA

## **SERVICE**

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- 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, 81<sup>st</sup> Annual Meeting of the Society for American Archaeology, Orlando, FL
- 2015      Association for Fire Ecology  
Conference Volunteer, 6<sup>th</sup> Annual Congress for the Association for Fire Ecology, San Antonio, TX
- 2014      Society for American Archaeology  
Conference Volunteer, 79<sup>th</sup> 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**

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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**

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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