

## NICHOLAS TRIPCEVICH

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### Education

- 2007      **Ph.D., Anthropology, University of California, Santa Barbara.**  
Dissertation Title: *Quarries, Caravans, and Routes to Complexity: Prehispanic Obsidian in the South-Central Andes.*  
Committee Members: Mark Aldenderfer (co-chair), Michael Jochim (co-chair), Katharina Schreiber, Keith Clarke (Geography).
- 2000      **M.A., Anthropology, University of California, Santa Barbara.**  
Archaeology specialization.
- 1994      **B.A., Geography, University of Montana, Missoula.**  
Minor in Forestry.

### Research Interests

Origins of socio-political complexity, Andean prehistory, exchange theory, ethnoarchaeology, geographic information systems, spatial analysis and lithic analysis.

### Publications

- In Review      **Quarrying, production and regional circulation of obsidian from the Chivay Obsidian Source, Arequipa, Peru.** Report-length article submitted to a regional journal.
- In Review      **Spatial and Temporal Variation in Stone Raw Material Provisioning in the Chivay Obsidian Source area.** By N. Tripcevich and A. Mackay submitted to *Advances in Titicaca Basin Archaeology*, vol. 2, C. Stanish and E. Klarich, eds., Cotsen Institute of Archaeology, Los Angeles, CA.
- In Review      **Exotic goods and socio-political change in the south-central Andes.** Chapter submitted to a volume from the 2007 SAA symposium "Xenophile: The allure of the exotic" edited by C. Dillian and C. White.
- 2008      **La fuente de obsidiana "Chivay" y su posición en los Andes Sur Centrales.** By N. Tripcevich and W. Yopez Alvarez. In *Actas del Simposio Internacional de Arqueología del Área Centro Sur Andina*, edited by Augusto Belén Franco, Mariusz Ziolkowski, and Justin Jennings, Instituto Francés de Estudios Andinos, Lima (in press).
- 2004      **Flexibility by Design: How mobile GIS meets the needs of archaeological survey.** *Cartography and Geographical Information Science*, Vol. 31, No. 3, pp. 137-151.
- 2004      **Interfaces: Mobile GIS in archaeological survey.** *The SAA Archaeological Record*, May 2004. Vol. 4, No. 3, pp 17-22.

### Professional Experience

- 8/07 – present      **Laboratory Manager, Archaeological Research Facility, UC Berkeley.**  
Maintenance and training with digital archaeological tools including total stations, GPS, laser scanners. Building coordinator, ARF website manager. Manage GIS lab, XRF lab, soil analysis lab.

- 7/07 **Director, ethnoarchaeology project “Transport in the Ancient Andes”.**  
Research project focusing on llama caravan transport speeds and travel strategies, supported by a grant from the Heinz Foundation.
- 6/07 **Digital excavation GIS developer for Vanderbilt University project in Arequipa, Peru.** Developed customized Arcpad interface and data structure for nearly-paperless excavation project of a Colonial period chapel.
- 7/05 – 5/07 **GIS Technician for URS Corporation.**  
Tasks include spatial analysis, mobile GIS development and training, and map production for environmental consulting office.
- 1/07 – 3/07 **Lecturer, UCSB Anthropology, “Origins of Complex Societies”**
- 9/06 – 12/06 **Associate Instructor, UCSB Anthropology, “GIS in Anthropology”**
- 9/05 – 12/05 **Associate Instructor, UCSB Anthropology, “Clash of Cultures”**
- 6/04 – 7/04 **Mobile GIS implementation, Proyecto Arqueológico Norte Chico.**  
Designed an archaeological survey site documentation method using ESRI Arcpad for survey project directed by J. Haas and K. Nelson.
- 7/03 – 8/04 **Dissertation Research Project, Colca Valley, Peru. Survey and analysis.**  
Director of archaeological research project involving survey and test excavations in vicinity of Chivay obsidian source, Arequipa, Peru, funded by NSF award #0331181.
- 3/03 – 4/03 **Field Archaeologist, S.A.I.C., Twenty-nine Palms, CA**  
Cultural resource survey in eastern California.
- 8/02 – 9/02 **Preliminary Dissertation Research at Chivay Obsidian Source**  
Investigated obsidian source and settlement distributions in adjacent habitation areas in Colca valley, Arequipa, southern Peru.
- 7/01 – 9/01 **Field Archaeologist, Proyecto Ch’amak Pacha, Puno, Peru**  
Directors: M. Aldenderfer and N. Craig, UCSB.
- 9/00 – 12/00 **Field Archaeologist, Proyecto Ch’amak Pacha, Puno, Peru**  
Director: M. Aldenderfer, UCSB.
- 7/99 – 9/99 **Field Archaeologist, Proyecto Wiskachuni, Juli, Peru**  
Director: C. Herhahn, UCSB.
- 3/99 – 12/05 **Computer lab support, maintenance, training, LSIT, UC Santa Barbara**  
Maintenance of equipment, hardware and software training for users of Mac and Windows computers, Letters and Sciences Information Technology.
- 6/95 – 10/97 **G.I.S. Technician and graphics, WSAL, U. of Montana, Missoula, MT**  
G.I.S. tasks, graphics, and website development for the Wildlife Spatial Analysis Lab at the University of Montana.
- 8/95 – 2/97 **Archaeological Cartographer, Schwab Cultural Consulting, Polson, MT**  
Compiled data for Native American land claims litigation. Designed project area and site maps for cultural resource surveys.
- 9/94 – 10/94 **Field Archaeologist, Heritage Research Center, Black Hills, SD**  
Cultural resource survey and testing in the Black Hills National Forest.  
Designed and produced site maps.
- 7/93 – 8/93 **Trail Leader, Glaciological Field School, Univ. of Alaska, Juneau, AK**  
Physical geography research on geology, geomorphology and glacier processes conducted during a seven week field season on the Juneau Icefield.
- 4/93 – 11/97 **Cartographer and G.I.S. technician, Missoula, MT**  
Cartographer specializing in archaeological and recreational maps.

- 5/92 – 9/92     **Survey Crew Leader, Knowledge Northwest, Pendleton, OR**  
Archaeological cultural resource survey of National Forest land in Oregon.
- 6/91 – 8/91     **Archaeological Field School, Colorado State University, Fort Collins**  
Survey and excavation, Late Pueblo era kivas, Hovenweep area, Colorado.

### **Extramural Awards**

- 2007     **Howard Heinz Endowment for Archaeological Field Research in Latin America**, *Transport in the Ancient Andes*, an ethnoarchaeological study of contemporary llama caravans bearing salt in Arequipa, Peru.
- 2006     **Student SAA Paper of the Year**, Int'l Association of Obsidian Studies
- 2003     **National Science Foundation Dissertation Improvement Grant**  
Archaeological research project in the Peru, NSF grant #0331181.
- 2003     **Proyecto Ch'amak Pacha, ESRI 2003 Special Achievement in GIS award.**
- 2001     **California Space Grant**  
Funding for applying remote sensing technology to regional archaeological research in the Andes.

### **Intramural Awards**

- 2006     **Anthropology of Technology Prize**, UC Santa Barbara Anthropology
- 2006     **Graduate Division Dissertation Fellowship**
- 2005     **Travel Grant, UCSB Graduate Division**, Award to present at the "Simposio Internacional sobre Arqueología del Área Centro Sur Andina", Arequipa, Perú.
- 2002     **Dissertation Proposal Writing Fellowship, UCSB Graduate Division.**  
**Fee Fellowship, UCSB Anthropology**  
Periodic fee waivers

## Professional Presentations

- 2008 **Llama Caravan Transport: A study of mobility with a contemporary Andean salt caravan.** Paper presented at the 73<sup>th</sup> Annual Meeting of the *Society for American Archaeology*, Vancouver, B.C., Canada.
- 2008 **Digging Digitally: Mobile GIS in archaeological fieldwork.** University of California, Los Angeles, Cotsen Institute of Archaeology. Invited speaker in the “Technological Innovations in Archaeological Analysis” series.
- 2007 **Llama caravans and obsidian circulation in the south-central Andes.** Paper presented at the 72<sup>th</sup> Annual Meeting of the *Society for American Archaeology*, Austin, Texas.
- 2007 Craig, N., M. Perales, N. Tripcevich, K. Nelson, A. Ruiz, J. Haas, W. Creamer, M. Aguilar, M. López. **Sistemas de Información Geográfica Móviles como Infraestructura de Información para la Colección y Análisis de Extensas Bases de Datos Regionales Comparativas de Sitios Arqueológicos.** Paper presented at the Comparative Perspectives on the Archaeology of Coastal South America, Lima, Perú.
- 2006 **Mobility and Exchange in the Andean Pre-ceramic: Insights from obsidian studies.** Paper presented at the 71<sup>th</sup> Annual Meeting of the *Society for American Archaeology*, San Juan, Puerto Rico.
- 2006 **Production and Exchange of Obsidian from the Colca Valley, Arequipa, Peru.** Paper presented at the 46<sup>th</sup> Annual Meeting of the *Institute of Andean Studies*, Berkeley, CA.
- 2005 **Tripcevich, N. and Willy Yopez Alvarez. Fuente de Obsidiana Chivay y su posición en los Andes Sur Centrales.** Por *Simposio Internacional sobre Arqueología del Area Centro Sur Andina*, Arequipa, Perú.
- 2005 **Tripcevich, N. and A. Mackay. Spatial and Temporal Variation in Stone Raw Material Provisioning Around the Chivay Obsidian Source.** Paper presented at the 70<sup>th</sup> Annual Meeting of the *Society for American Archaeology*, Salt Lake City, UT.
- 2004 **Mobile GIS on Archaeological Survey.** Conference presentation at the *Archaeological Sciences of the Americas*, University of Arizona, Tucson.
- 2004 **Chivay Obsidian Source and South-Central Andean Prehistory.** Paper presented at the 69<sup>th</sup> Annual Meeting of the *Society for American Archaeology*, Montreal Canada.
- 2003 **Viewshed Analysis in Archaeology.** Poster presented at the 68<sup>th</sup> Annual Meeting of the *Society for American Archaeology*, Milwaukee Wisconsin.

## Teaching Experience

- 2007 **Lecturer, *Origins of Complex Societies*, UC Santa Barbara**  
Designed and taught course exploring the theories and evidence surrounding the origins of state-level societies in New and Old World.
- 2006 **Teaching Associate, *GIS in Anthropology*, UC Santa Barbara**  
Designed and taught class concerning the theory and application of geospatial technology in anthropology.
- 2005 **Teaching Associate, *Clash of Cultures*, UC Santa Barbara**  
Designed and taught undergraduate course about the culture contact period.
- 2003 **Instructor, GIS and GPS workshops, Arequipa, Peru**

- Led two workshops in Spanish for Peruvian archaeologists and mountain rescue personnel on the use of GIS and GPS in fieldwork.
- 2000 – 2004 **Instructor, archaeological fieldwork and use of GIS technology**  
 Instructed fieldwork participants in archaeological research projects using GIS-based techniques for excavating, surveying, and lab work.
- 1998 – 2004 **Teaching Assistant, UC Santa Barbara, seven quarters**
- Intro. to Archaeology
  - Intro. to Cultural Anthropology
  - Third World Environments
  - Peoples and Cultures of India
  - Intro. to Physical Anthropology
  - Understanding Cultural Differences
  - Cultural Ecology

### **Professional Memberships**

- 2007 – **Institute of Andean Studies, Berkeley, California.**
- 2000 – **Professional Archaeologists of Peru, number DT-0176**  
 Registro del Instituto Nacional de Cultura, Lima, Perú.
- 1998 – **Society for American Archaeology**

### **Relevant Experience**

- 2004 – **Mobile GIS development for varied applications**  
 Implementations for academic and corporate natural resources projects.
- 2005 – **Reviewer for the National Science Foundation, *American Antiquity*, *Latin American Antiquity*, and *Ñawpa Pacha*.**
- 2004 – 2005 **Anthropology Graduate Student Association, Co-Chair**  
 Chaired student group representing Anthropology graduate students at UCSB.