

Arizona State Museum PO Box 210026 Tucson AZ 85721-0026 (520) 621-6281 www.statemuseum.arizona.edu

# James T. Watson, Ph.D.

Associate Director, Arizona State Museum Associate Curator of Bioarchaeology, Arizona State Museum Associate Professor of Anthropology, School of Anthropology watsonjt@email.arizona.edu

# **Education**

2005	Ph.D., University of Nevada Las Vegas (Anthropology)
	Dissertation: Cavities on the Cob: Dental Health and the Agricultural Transition in Sonora,
	Mexico. Advisor: Bernardo Arriaza.
1999	M.A., Wichita State University (Anthropology)
	Thesis: A Quantitative Study of Artificial Cranial Deformation: Bio-Cultural Behavior in
	Southwest Prehistory. Advisor: Peer Moore-Jansen.
1996	B.A., University of Tennessee, Knoxville (Anthropology)

# **Academic Employment**

2014 – pres. Associate Curator of Bioarchaeology, Arizona State Museum Associate Professor, School of Anthropology University of Arizona, Tucson, Arizona 2008 – 2014 Assistant Curator of Bioarchaeology, Arizona State Museum Assistant Professor, School of Anthropology University of Arizona, Tucson, Arizona 2006 – 2008 Assistant Professor, Department of Anthropology Indiana University-Purdue University Indianapolis, Indianapolis, Indiana 2000 – 2006 Instructor, Department of Anthropology and Ethnic Studies University of Nevada Las Vegas, Las Vegas, Nevada 1998 – 1999 Instructor, Department of Social Sciences Hutchinson Community College, Hutchinson, Kansas 1997 – 1998 Instructor, Department of Anthropology Wichita State University, Wichita, Kansas	2016 – pres.	Associate Director, Arizona State Museum
University of Arizona, Tucson, Arizona  2008 – 2014 Assistant Curator of Bioarchaeology, Arizona State Museum Assistant Professor, School of Anthropology University of Arizona, Tucson, Arizona  2006 – 2008 Assistant Professor, Department of Anthropology Indiana University-Purdue University Indianapolis, Indianapolis, Indiana  2000 – 2006 Instructor, Department of Anthropology and Ethnic Studies University of Nevada Las Vegas, Las Vegas, Nevada  1998 – 1999 Instructor, Department of Social Sciences Hutchinson Community College, Hutchinson, Kansas  1997 – 1998 Instructor, Department of Anthropology	2014 - pres.	Associate Curator of Bioarchaeology, Arizona State Museum
<ul> <li>2008 – 2014 Assistant Curator of Bioarchaeology, Arizona State Museum         Assistant Professor, School of Anthropology         University of Arizona, Tucson, Arizona     </li> <li>2006 – 2008 Assistant Professor, Department of Anthropology         Indiana University-Purdue University Indianapolis, Indiana     </li> <li>2000 – 2006 Instructor, Department of Anthropology and Ethnic Studies         University of Nevada Las Vegas, Las Vegas, Nevada     </li> <li>1998 – 1999 Instructor, Department of Social Sciences         Hutchinson Community College, Hutchinson, Kansas     </li> <li>1997 – 1998 Instructor, Department of Anthropology</li> </ul>		Associate Professor, School of Anthropology
Assistant Professor, School of Anthropology University of Arizona, Tucson, Arizona  2006 – 2008 Assistant Professor, Department of Anthropology Indiana University-Purdue University Indianapolis, Indiana  2000 – 2006 Instructor, Department of Anthropology and Ethnic Studies University of Nevada Las Vegas, Las Vegas, Nevada  1998 – 1999 Instructor, Department of Social Sciences Hutchinson Community College, Hutchinson, Kansas  1997 – 1998 Instructor, Department of Anthropology		University of Arizona, Tucson, Arizona
University of Arizona, Tucson, Arizona  2006 – 2008 Assistant Professor, Department of Anthropology Indiana University-Purdue University Indianapolis, Indiana  2000 – 2006 Instructor, Department of Anthropology and Ethnic Studies University of Nevada Las Vegas, Las Vegas, Nevada  1998 – 1999 Instructor, Department of Social Sciences Hutchinson Community College, Hutchinson, Kansas  1997 – 1998 Instructor, Department of Anthropology	2008 - 2014	Assistant Curator of Bioarchaeology, Arizona State Museum
<ul> <li>2006 – 2008 Assistant Professor, Department of Anthropology         Indiana University-Purdue University Indianapolis, Indiana     </li> <li>2000 – 2006 Instructor, Department of Anthropology and Ethnic Studies         University of Nevada Las Vegas, Las Vegas, Nevada     </li> <li>1998 – 1999 Instructor, Department of Social Sciences         Hutchinson Community College, Hutchinson, Kansas     </li> <li>1997 – 1998 Instructor, Department of Anthropology</li> </ul>		Assistant Professor, School of Anthropology
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University of Nevada Las Vegas, Las Vegas, Nevada  1998 – 1999 Instructor, Department of Social Sciences Hutchinson Community College, Hutchinson, Kansas  1997 – 1998 Instructor, Department of Anthropology		Indiana University-Purdue University Indianapolis, Indianapolis, Indiana
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Hutchinson Community College, Hutchinson, Kansas 1997 – 1998 Instructor, Department of Anthropology		University of Nevada Las Vegas, Las Vegas, Nevada
1997 – 1998 Instructor, Department of Anthropology	1998 - 1999	Instructor, Department of Social Sciences
, 1		Hutchinson Community College, Hutchinson, Kansas
Wichita State University, Wichita, Kansas	1997 - 1998	Instructor, Department of Anthropology
		Wichita State University, Wichita, Kansas

# **Honors and Awards**

2015	Nominated for UA Honors College Star Faculty Teaching Award
2010	Blanche E. Penrod Lecture Award, University of Indianapolis

# Service/Outreach

Local/State Outreach						
2019	Co-Director, ASM "Four Corners Learning Expedition". September 21-28					
2018	Talk to Southwest Fire Science Consortium on "Cultural Resources and Fire Risk on					
	Tumamoc Hill". 11/29/18					
2018	Co-Director, ASM "Four Corners Learning Expedition". September 22-29					

# Curriculum Vitae—James T. Watson

2018	Co-Director, ASM "Southern Deserts Learning Expedition". March 19-24
2016 - 2019	Member, Board of Directors, Arizona Archaeological and Historical Society
2017	Co-Director, ASM "Four Corners Learning Expedition". September 23-30
2017	Director, ASM "Adult Summer Camp: Food, Flint, & Fire." May 22-26
2016	Co-Director, ASM "Cananea to Caborca Learning Expedition". March 7-10
2015	Co-Director, ASM "Adult Summer Camp: Archaeology of Tumamoc Hill." June 15-19
2014	Co-Director, ASM "Southern Deserts Learning Expedition". March 16-21
2013	Co-Director, ASM "Mysterious Mojave Learning Expedition". March 10-15
2012	Issue Editor, Journal of Arizona Archaeology 2(1).
	Co-Director, ASM "Coffee with the Curators" (Public Program)
2011 - 2013	
2011	Co-Director, Osteology Training Workshop, Tohono O'odham Nation Cultural Resource
	Monitor Training
2011	Contributing curator, ASM Exhibit: "Through the Eyes of the Eagle"
2010	Co-Director, ASM "Cananea to Caborca Learning Expedition". March 10-12
2010	Co-Director, ASM "Adult Summer Camp: Bone Lab." June 12-17
2010	President, Arizona Archaeological Council
2010	Member, Arizona Archaeological and Historical Society Julian Hayden Award Committee
2009	President-Elect, Arizona Archaeological Council
2008	Director, Bone Identification Workshop for Casa Grande Ruins National Monument Staff
	August 10.
2008 - 2016	Bioarchaeology Consultant, Desert Archaeology, Inc. for Pima County, AZ Cultural
	Resource Projects
2008 - 2016	Bioarchaeology Consultant, William Self Associates, Inc. for Pima County and Pinal
	County Cultural Resource Projects
National/Int	ernational Outreach
	Chair, Workshop and Symposium Committee, Dental Anthropology Association
	Member, Dental Anthropology Working Group, Dental Anthropology Association
2016	Member, Steering Committee, Dental Anthropology Association
2015	Member, Dahlberg Prize committee, Dental Anthropology Association
	Executive Officer, Dental Anthropology Association
	Member, Binational/Cross-Cultural Health Enhancement Center, Indiana University-
	Purdue University Indianapolis
2010	Member, Acquisitions Editor Search Committee, <i>Kiva</i>
	of publications/grants:
2019	American Journal of Physical Anthropology
2018	American Journal of Physical Anthropology, International Journal of Osteoarchaeology,
	International Journal of Paleopathology
2017	Dental Anthropology Journal, Advances in Archaeological Practice, American Journal of
	Physical Anthropology
2016	FONDECYT-Chile (proposal N° 11160877), University of Utah Press, Geoarchaeology,
	International Journal of Osteoarchaeology, Journal of Archaeological Research, Latin
	American Antiquity, The Public Historian, American Journal of Physical Anthropology
2015	NSF DDRIG, Elsevier Press, American Journal of Physical Anthropology
2014	Routledge Press, Current Anthropology, American Journal of Physical Anthropology,
	Journal of Field Archaeology, Latin American Antiquity
2013	Journal of Archaeological Science, International Journal of Osteoarchaeology
2012	Elsevier Press, Dental Anthropology, International Journal of Osteoarchaeology, Kiva
2011	International Journal of Osteoarchaeology
2010	American Anthropologist, American Journal of Physical Anthropology, Clinical Oral

# Curriculum Vitae—James T. Watson

	Investigations, International Journal of Osteoarchaeology, Latin American Antiquity
2009	American Journal of Physical Anthropology, International Journal of Osteoarchaeology,
2008	Cambridge University Press, Chungara, Interciencia International, Historical Archaeology Latin American Antiquity
Departmenta Arizona State	al Committees
2019	Chair, AZSITE Manager Search Committee
	Chair, Assistant Curator Zooarchaeology Search Committee
2018 – 2017	Chair, Curatorial/Museum Specialist (Zooarchaeological Collections) Search Committee
2018	Chair, AZSITE Manager Search Committee
	Chair, Curatorial/Museum Specialist Search Committee
	Chair, Assistant Curator Zooarchaeology Search Committee
2017 2010	Chair, Museum Faculty Assembly
2017	Member, AZSITE Manager Search Committee
2017	Member, Curatorial/Museum Specialist (Zooarchaeological Collections) Search Committee
2017	Member, Repatriation Assistant Search Committee
2016	Member, Homolovi Research Assistant Search Committee
	Member, Continuing Status and Promotion Committee
	Head, Research Division (Terms: 2011, 2012-2013, 2014-2015)
	Chair, Collaboration, Coordination, and Calendaring Committee
2012 - 2015	Member, Museum Faculty Association Bylaws and Standing Rules Committee
2012	Chair, ASM Store Manager Search Committee
2008 - pres.	Member, Repatriation Committee
2013 - 2018	Faculty Sponsor: ASM Visiting Scholar Ronald Beckett
	Faculty Sponsor: ASM Visiting Scholar Roger Jorgensen
	Faculty Sponsor: ASM Visiting Scholar Roger Jorgensen
2010	Member, Assistant Curator of Archaeology Search Committee
2010	Chair, Museum Faculty Assembly
School of An	
	Member, Curriculum Committee
	Member, Curriculum Committee
	Member, Anthropology Lecture Series Committee
	Member, Assistant Professor of Anthropology (Bioanth) Search Committee Member, Community Outreach Committee
	Member, Assistant Professor of Anthropology (Bioanth) Search Committee
	Member, Member, Community Outreach Committee
	Member, Student Awards Committee
	Member, Graduate Student Admissions Committee
2000 2009	Tribinoon, Oraciano Svacono Francisco Comminue
<b>University C</b>	ommittees
2017 - 2020	University Committee on Ethics and Commitment (6/17-5/20)
	[Member (2017), Vice-Chair (2018), Chair (2019)]
	Faculty Representative, UA Student Union Advisory Council
2007 - 2008	Faculty Representative, School of Liberal Arts Research Advisory Council, Indiana
	University-Purdue University Indianapolis
2006 – 2008	Member, School of Liberal Arts Health Research Group, Indiana University-Purdue University Indianapolis

## **Publications**

## **Edited Volumes**

#### 2020

**Watson**, **James T.**, and Gordon F.M. Rakita (eds.). 2020. *Ancient Southwestern Mortuary Practices*. University of Colorado Press, Boulder. [*in press*]

## 2019

Schmidt, Christopher W., and **James T. Watson** (eds.). 2019. *Dental Wear in Evolutionary and Biocultural Contexts*. Elsevier Press, London. ISBN: 978-0-12-815599-8

# Chapters in Scholarly Books/Edited Volumes: 2020

- Watson, James T. 2020. Variation across Ancient Southwestern Mortuary Practices. In: JT Watson, GFM Rakita (eds.), *Ancient Southwestern Mortuary Practices*. University of Colorado Press, Boulder. [in press]
- Watson, James T. 2020. Mortuary Practices among Early Farming Communities in the Sonoran Desert. In: JT Watson, GFM Rakita (eds.), *Ancient Southwestern Mortuary Practices*. University of Colorado Press, Boulder. [in press]
- Rakita, Gordon F.M., **James T. Watson**, Sharon Wester, and M. Scott Thompson. 2020. Introduction to Ancient Southwestern Mortuary Practices. In: JT Watson, GFM Rakita (eds.), *Ancient Southwestern Mortuary Practices*. University of Colorado Press, Boulder. [in press]
- Garcia M., Cristina, **James T. Watson**, and Danielle Phelps. 2019. Selective Influence of West Mexico Cultural Traditions in the Ónavas Valley, Sonora, Mexico. In: M Mathewitz (ed.), *The Archaeology of Aztatlan*. University of Utah Press, Boulder. [in press]
- García M., Cristina, and **James T. Watson.** 2019. Bioarqueología de la población prehispánica del valle de Ónavas, Sonora. In: ME Villalpando C, R McGuire (eds.), *Arqueología de Sonora*. Instituto Nacional de Antropóloga e Historia, Sonora. [in press]

## 2019

- Watson, James T., and Christopher Schmidt. 2019. An Introduction to Dental Wear in Evolutionary and Biocultural Contexts. In: C Schmidt, JT Watson (eds.), *Dental Wear in Evolutionary and Biocultural Contexts*, pp. 1-10. Elsevier Press, London.
- Crane, Adam, **James T. Watson**, and Randall Haas. 2019. The Effects of Aberrant Tooth Wear on Occlusal Relationships. In: C Schmidt, JT Watson (eds.), *Dental Wear in Evolutionary and Biocultural Contexts*, pp. 99-121. Elsevier Press, London.

## 2018

Harry, Karen G., and **James T. Watson**. 2018. *Shaping Identity in Prehispanic Southern Nevada*. In: S Herr, K Harry (eds.), *Life Beyond the Boundaries: Constructing Identity in Edge Regions of the North American Southwest*, pp. 122-156. University of Colorado Press, Boulder.

## 2017

Watson, James T., and Cristina Garcia M. 2017. Dental Modification and the Expansion and Manipulation of Mesoamerican Identity into Northwest Mexico. In: SE Burnett, JD Irish (eds.), *A World View of Bioculturally Modified Teeth*, pp. 298-315. University of Florida Press.

#### 2015

Watson, James T., Jessica I. Cerezo-Román, Silvia I. Nava Maldonado, Carlos Cruz Guzmán, and M. Elisa Villalpando. 2015. Death and Community Identity in the Trincheras Cremation Cemetery, Sonora, Mexico. In: CW Schmidt, SA Symes (eds.), *The Analysis of Burned Human Remains*. Academic Press, New York, pp. 339-353.

#### 2014

**Watson James T.**, and Bernardo Arriaza. 2014. La Salud Bucal y la Transición Hacia la Agricultura en el Norte de Chile. In: Muñoz I. (ed.), *Los Túmulos Funerarios*, 1000 Años de Historia en los Valles de Arica. Universidad de Tarapacá, Arica, Chile, pp. 68-80.

# 2013

Fish, Suzanne K., Paul R. Fish, Gary Christopherson, Todd A. Pitezel, **James T. Watson**, Phillip O. Leckman, and James Heidke. 2013. Emerging Settlement Differentiation in Preceramic and Early Hohokam Villages on Tumamoc Hill. In: Hartman GH, Boyle PC (eds.), *New Perspectives on the Rock Art and Prehistoric Settlement Organization of Tumamoc Hill, Tucson, Arizona*. Arizona State Museum Archaeological Series No. 208. University of Arizona: Tucson, pp. 1-22.

## 2012

- McLaurin, Brett T., Alien C. Elliott, **James T. Watson**, and M. Elisa Villalpando Canchola. 2012. Quaternary Stratigraphy of the La Playa Archaeological Site (SON F:10:3), Northern Sonora, Mexico. In: McLaurin BT, Elliott AC, Torres N. (eds.), *Reconstructing Human-Landscape Interactions Volume 1*. Springer Briefs in Earth System Sciences. Springer Berlin Heidelberg: New York, pp. 3-20. DOI: 10.1007/978-3-642-23759-1 2.
- Elliott, Alien C., Brett T. McLaurin, **James T. Watson**, and M. Elisa Villalpando Canchola. 2012. Genesis of an Artifact Layer-Natural and Cultural Processes at the La Playa Archaeological Site, Sonora, Mexico. In: McLaurin BT, Elliott AC, Torres N. (eds.), *Reconstructing Human-Landscape Interactions Volume 1.* Springer Briefs in Earth System Sciences. Springer Berlin Heidelberg: New York, pp. 21-34. DOI: 10.1007/978-3-642-23759-1\_3.

#### **20**10

Watson, James T. 2010. The Introduction of Agriculture and the Foundation of Biological Variation in the Southern Southwest. In: Auerbach B. (ed.), *Center for Archaeological Investigations:*Archaeological and Biological Variation in the New World. Occasional Papers No. 36. Southern Illinois University Press: Carbondale, Illinois, pp. 135-171.

# Refereed Journal Articles: 2019

- Cerezo-Roman, Jessica, and **James T. Watson**. 2019. Transformation by Fire: Changes in Funerary Customs from the Early Agricultural to Preclassic Period among Prehispanic Populations of Southern Arizona. *American Antiquity* (in press):1-20. DOI: 10.1017/aaq.2019.71
- **Watson, James T.,** and Iván Muñoz Ovalle. 2019. Diet as a Social Construct in the Early Andean Diaspora. *Current Anthropology* 60(2): 264-274. DOI: 10.1086/702306
- Christopher W. Schmidt, Ashley Remy, Rebecca Van Sessen, John Willman, Kristin Krueger, Rachel Scott, Patrick Mahoney, Jeremy Beach, Jaqueline McKinley, Ruggero D'Anastasio, Laura Chiu, Michele Buzon, J. Rocco De Gregory, Susan Sheridan, Jacqueline Eng, **James T. Watson**, Haagen Klaus, Pedro Da-Gloria, Jeremy Wilson, Abigail Stone, Paul Sereno, Jessica Droke, Rose Perash, Christopher Stojanowski, and Nicholas Herrmann. 2019. Dental microwear texture analysis of *Homo sapiens sapiens*: foragers, farmers, and pastoralists. *American Journal of Physical Anthropology* 169(2):207-226. DOI: 10.1002/ajpa.23815.
- Tuggle, Alexandra, and **James T. Watson**. 2019. Periodontal Health and the Lifecourse Approach in Bioarchaeology. *Dental Anthropology* 32(2):12-21.

### 2018

- Lindo, John, Randall Haas, Courtney Hofman, Mario Apata, Mauricio Moraga, Ricardo Verdugo, **James T. Watson**, Carlos Viviano Llave, David Witonsky, Enrique Vargas Pacheco, Mercedes Villena, Rudy Soria, Cynthia Beall, Christina Warinner, John Novembre, Mark Aldenderfer, Anna Di Rienzo. 2018. The genetic prehistory of the Andean highlands 7,000 Years BP though European contact. *Science Advances* 4(11):eaau4921. DOI: 10.1126/sciadv.aau4921.
- Fleming, Kota, and **James T. Watson**. 2018. Raiding and Warfare in Early Farming Villages of the Sonoran Desert. *Kiva* 84(4):424-439.
- Jessica I. Cerezo-Román, Silvia Nava I. Maldonado, Carlos Cruz Guzmán, **James T. Watson**, and Elisa Villalpando. 2018. Changes in Remembrance of a Cremation Urnfield Cemetery from Prehispanic Times to the Present at Cerro de Trincheras, Sonora, Mexico. *Latin American Antiquity* 29(1):185-190. DOI: 10.1017/laq.2017.61.

## 2017

- **Watson, James T.**, and Randall Haas. 2017. Dental Evidence for Wild Tuber Processing among Titicaca Basin Foragers 7000 YBP. *American Journal of Physical Anthropology* 164:117-130. DOI: 10.1002/ajpa.23261.
- Haas, Randall, Ioana C. Stefenescu, Alex Garcia-Putnam, Mark S. Aldenderfer, Mark Clementz, Melissa S. Murphy, Carlos Viviano Llave, and **James T. Watson**. 2017. Humans permanently occupied the Andean highlands by at least 7 Ka. *Royal Society Open Science* 4:170331. DOI: 10.1098/rsos.170331.
- García M., Cristina, and **James T. Watson**. 2017. Bioarqueología de la población prehispánica del valle de Ónavas, Sonora. *Rutas de Campo*, cuarto época 1(1): 59-72.

#### 2016

- **Watson, James T.**, and Danielle Phelps. 2016. Violence and Perimortem Signaling among Early Irrigation Communities in the Sonoran Desert. *Current Anthropology* 57(5):586–609. DOI: 10.1086/688256.
- **Watson, James T.**, and Cristina García M. 2016. Postclassic Expansion of Mesoamerican (Biocultural) Characteristics into Sonora, Northwest Mexico. *Journal of Field Archaeology* 41(2):222-235. DOI: 10.1080/00934690.2016.1159899.

#### 2015

- Carpenter, John, Guadalupe Sánchez, **James T. Watson**, and Elisa Villalpando. 2015. The La Playa Archaeological Project: Binational Interdisciplinary Research on Long-Term Human Adaptation in the Sonoran Desert. *Journal of the Southwest* 57(2-3):213-264.
- **Watson, James T.**, and Jonathan Weiland. 2015. Documenting Archaeological Mortuary Features using High Dynamic Range (HDR) Imaging. *International Journal of Osteoarchaeology* 25(3):366-373. DOI: 10.1002/oa.2302.

### 2014

Brooks Garcia, Alison Marissa, Ronald G. Beckett, **and James T. Watson**. 2014. Internal Environmental Characteristics of a Chiribaya Style Tomb Holding Swine Remains and their Taphonomic Impact on Decomposition Delay, a Requisite for Mummification. *Papers on Anthropology* 23(1):45-62. DOI:10.12697/poa.2014.23.1.04.

# 2013

- **Watson, James T.**, and Marijke Stoll. 2013. Gendered Logistic Mobility among the Earliest Farmers in the Sonoran Desert. *Latin American Antiquity* 24(4):433-450.
- **Watson, James T.**, Bernardo Arriaza, Vivian Standen, and Ivan Muñoz Ovalle. 2013. Tooth Wear Related to Marine Foraging, Agro-Pastoralism and the Formative Transition on the Northern Chilean Coast. *International Journal of Osteoarchaeology* 23(3):287-302. DOI: 10.1002/oa.1247.

#### 2012

- Byrd, Rachel, **James T. Watson**, Paul Fish, and Suzanne Fish. 2012. Architecture and the Afterlife: A Spatial Analysis of Mortuary Patterns at University Indian Ruin. *Journal of Arizona Archaeology* 2(1):101-111.
- Copeland, Audrey, Jay Quade, **James T. Watson**, Brett T. McLaurin, and Maria Elisa Villalpando. 2012. Stratigraphy and Geochronology of La Playa Archaeological Site, Sonora, Mexico. *Journal of Archaeological Science* 39:2934-2944. DOI: 10.1016/j.jas.2012.04.034.
- **Watson, James T.**, Misty Fields, and Marijke Stoll. 2012. Violence and Postmortem Signaling in Early Farming Communities of the Sonoran Desert: An Expanded Taphonomic Approach. *Landscapes of Violence* 2(2):11.

#### 2011

Fish, Suzanne, Paul Fish, Gary Christopherson, Todd Pitezel, and **James T. Watson.** 2011. Two Villages on Tumamoc Hill. *Journal of Arizona Archaeology* 1(2):185-196.

#### 2010

**Watson, James T.**, Ivan Muñoz Ovalle, and Bernardo Arriaza. 2010. Formative Adaptations, Diet, and Oral Health in the Azapa Valley of Northwest Chile. *Latin American Antiquity* 21(4):423-439.

- **Watson, James T.**, Misty Fields, and Debra L. Martin. 2010. The Introduction of Agriculture and Its Effect on Women's Oral Health. *American Journal of Human Biology* 22(1):92-102. DOI: 10.1002/ajhb.20958.
- Harry, Karen G., and **James T. Watson.** 2010. The Archaeology of Pueblo Grande de Nevada: Past and Current Research within Nevada's "Lost City". *Kiva* 75(4):403-424.

## 2009

Fields, Misty, Edward E. Herschaft, Debra L. Martin, and **James T. Watson.** 2009. Sex and the Agricultural Transition: Dental Health of Early Farming Females. *Journal of Dentistry and Oral Hygiene* 1(4):042-051. DOI: 8203EC9805.

### 2008

- **Watson, James T.** 2008. Prehistoric Dental Disease and the Dietary Shift from Cactus to Cultigens in Northwest Mexico. *International Journal of Osteoarchaeology* 18:202-212. DOI: 10.1002/oa.917.
- Watson, James T. 2008. Changes in Food Processing and Occlusal Dental Wear during the Early Agricultural Period in Northwest Mexico. *American Journal of Physical Anthropology* 135(1):92-99. DOI: 10.1002/ajpa.20712.
- **Watson, James T.** 2008. Animal Resource Exploitation among the Virgin River Puebloans in the American Southwest. *Journal of Field Archaeology* 33(4):1-11. DOI: 10.1179/009346908791071123.

#### 2006

Benyshek, Daniel C., and **James T. Watson.** 2006. Exploring the Thrifty Genotype's Food Shortage Assumptions: A Cross-Cultural Comparison of Ethnographic Accounts of Food Security among Foraging and Agricultural Societies. *American Journal of Physical Anthropology* 131(1):120-126. DOI: 10.1002/ajpa.20334.

## **Other Publications**

# Non-Refereed Articles and Chapters:

## 2018

- Villalpando, M. Elisa, and **James T. Watson**, 2018. Pintados de rojo: prácticas funerarias de los primeros agricultores del Desierto de Sonora. *Arqueología Mexicana* 154:54-60.
- Garcia Moreno, Cristina, and **James T. Watson**, 2018. El cementerio prehispánico del valle de Ónavas, Sonora. *Arqueología Mexicana* 154:63-68.

# 2016

- **Watson, James T.** 2016. Death, Memorial, and Remembrance in Sonora. *Archaeology Southwest* 30 (3):23.
- Garcia-Moreno, Cristina, and **James T. Watson.** 2016. The Onavas Valley. *Archaeology Southwest* 30(3):16-17.

## 2015

Watson, James T. and Rachael M. Byrd. 2015. A Bioarchaeological Perspective on Change and Continuity in an Early Agricultural Community. In *Implements of Change: Tools, Subsistence, and the Built Environment of Las Capas, an Early Agricultural Irrigation Community in Southern Arizona*, edited by J. M. Vint, pp. 377-388. Anthropological Papers No. 51. Archaeology Southwest, Tucson.

# 2011

**Watson, James T.** 2011. Bioarchaeology of the First Farmers in the Sonoran Desert. In *The Latest Research on the Earliest Farmers*, edited by Sarah A. Herr. Archaeology Southwest Online Publication (<a href="www.archaeologysouthwest.org/what-we-do/investigations/earliest-farmers">www.archaeologysouthwest.org/what-we-do/investigations/earliest-farmers</a>).

### 2009

Watson, James T. 2009. Life and Death among the Earliest Farmers. Archaeology Southwest 23(1):13.

## Published Book Reviews:

2017

**Watson, James T.** 2017. Book Review: What Teeth Reveal About Human Evolution, by Debbie Guatelli-Steinberg. *Dental Anthropology* 30(1):38.

**Watson, James T.** 2017. Book Review: Bone Rooms: From Scientific Racism to Human Prehistory in Museums, by Samuel J. Redman. *The Public Historian* 39(1):119-120.

### 2013

**Watson, James T.** 2013. Book Review: Uncovering Identity in Mortuary Analysis: Community Sensitive Methods for Identifying Group Affiliation in Historic Cemeteries. Edited by Michael P. Heilen. *Kiva* 78:10-12.

#### 2010

**Watson, James T.** 2010. Book Review: The Neolithic Demographic Transition and it Consequences. Edited by Jean-Pierre Bocquet-Appel and Ofer Bar-Yosef. *American Journal of Physical Anthropology* 143:327.

#### 2007

**Watson, James T.** 2007. Book Review: Diet, Health, and Status among the Pasion Maya: A Reappraisal of the Collapse, by Lori E. Wright. *American Journal of Physical Anthropology* 134(1):138-139.

# Technical Reports:

- Villalpando Canchola, Maria Elisa, John P. Carpenter, and **James T. Watson** (editors). *Proyecto La Playa (SON:F:10:3) Informe 2017-2018*. Archivo Técnico del INAH. México, D.F.
- Watson, James T. Documentation of human skeletal remains from Los Pozos, AA:12:91 (ASM). In, Site Boundary Identification Testing in Northern Los Pozos, AZ AA:12:91 (ASM), for the Pima County Flood Control Drainage Channel Extension, Tucson, Pima County, Arizona, Helga Wöcherl (ed.). Technical Report No. 2016-08. Desert Archaeology, Inc., Tucson. Pp. 49-50.
- Villalpando Canchola, Maria Elisa, John P. Carpenter, and **James T. Watson** (editors). *Proyecto La Playa (SON:F:10:3) Informe 2016-2017*. Archivo Técnico del INAH. México, D.F.
- Villalpando Canchola, Maria Elisa, John P. Carpenter, and **James T. Watson** (editors). *Proyecto La Playa (SON:F:10:3) Informe 2015-2016*. Archivo Técnico del INAH. México, D.F.
- 2016 Swartz, Deborah L., and **James T. Watson.** Field Results. In, *Archaeological Investigations at AZ AA:8:350 (ASM) and AZ AA:8:351 (ASM), along State Route 79, Pinal County, Arizona*, Deborah L. Swartz (ed.). Technical Report No. 2015-01. Desert Archaeology, Inc., Tucson. Pp. 11-40.
- Villalpando Canchola, Maria Elisa, John P. Carpenter, and **James T. Watson** (editors). *Informe* 2014-2015 Proyecto La Playa. Archivo Técnico del INAH. México, D.F.
- Watson, James, T. Human Remains. In, Results of Archaeological Data Recovery at AZ AA:14:39 (ASM), State Route 86, San Pedro Segment, Tohono O'Odham Nation, Pima County, Arizona, Patricia Cook (ed.). Technical Report No. 2012-11. Desert Archaeology, Inc., Tucson. Pp. 99.
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- 2005 Watson, James T. Los Elementos Mortuorios Excavados. In: Villalpando Canchola ME, Carpenter JP, editors. Proyecto Arqueológico La Playa. VII Informe Temporada 2004. Archivo Técnico del INAH. México, D.F.
- 2005 **Watson, James T.** Análisis Dental. In: Villalpando Canchola ME, Carpenter JP, editors. *Proyecto Arqueológico La Playa. VII Informe Temporada 2004*. Archivo Técnico del INAH. México, D.F.
- Watson, James T. Análisis Contextual de los Entierros. In: Villalpando Canchola ME, Carpenter JP, editors. *Proyecto Arqueológico La Playa. VII Informe Temporada 2004*. Archivo Técnico del INAH. México, D.F.
- Watson, James T., and Coral Montero. Los Elementos Mortuorios Excavados Durante la Temporada 2003. In: Villalpando Canchola ME, Carpenter JP, editors. *Proyecto Arqueológico La Playa. VI Informe Temporada 2003*. Archivo Técnico del INAH. México, D.F.
- 2003 Watson, James T. Faunal Remains. In: Winslow D, Blair L, editors. Mitigation, Black Dog Mesa

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- 2000 **Watson, James T.** Archaeological Investigation of a Primary Inhumation and Secondary Cremation at AZ BB:14:628 (ASM), Vail Valley Ranch, Pima County, Arizona. Lone Mountain Report No. 343-D. Lone Mountain Archaeological Services, Inc. Tucson, Arizona.
- 2000 **Watson, James T.** A Cultural Resource Survey of a 20-Acre Mineral Exploration Parcel Located Near Oracle, Pinal County, Arizona. Lone Mountain Report No. 464. Lone Mountain Archaeological Services, Inc. Tucson, Arizona.
- 2000 **Watson, James T.** A Cultural Resources Survey of a Proposed Radio Tower located on the Summit of Round Mountain, Near Duncan, Greenlee County, Arizona. Lone Mountain Report No. 471. Lone Mountain Archaeological Services, Inc. Tucson, Arizona.
- 2000 **Watson, James T.** A Cultural Resources Survey of a 9.49-Acre Development Block in Northwest Tucson, Pima County, Arizona. Lone Mountain Report No. 473. Lone Mountain Archaeological Services, Inc. Tucson, Arizona.
- 1996 **Watson, James T.**, and Peer H. Moore-Jansen. *An Osteological Inventory Assessment of an Artificially Deformed Human Cranium (386) from a Location near the "Oregon Trail", Nebraska*. Report on file with the Bureau of Reclamation. Lincoln, Nebraska.

# **Scholarly Presentations**

# Workshops:

- 2016 Watson, James T. Taller de Antropología Dental. Seminario Aleš Hrdlička: Hermosillo, Sonora.
- Watson, James T., and Chris Schmidt. *Workshop on Dental Wear*. Dental Anthropology Association: Meeting of the American Association of Physical Anthropologists, Atlanta, GA.

## Seminars:

- Watson, James T., Caitlin McPherson, Cristina García, and Elisa Villalpando. 2018. *Retraso en el crecimiento de poblaciones antiguas en Sonora*. Paper presented at the Annual Meeting of the Seminario Aleš Hrdlička, Kino Bay, Sonora.
- Watson, James T. Bioarqueologia del Sitio La Playa y los Primeros Pobladores Agrícolas en el Desierto Sonorense. Paper presented at the Annual Meeting of the Seminario Aleš Hrdlička, Hermosillo, Sonora.
- 2016 Garcia, C. and **James T. Watson.** *Paleopatología de la población prehispánica del valle de Ónavas, Sonora*. Paper presented at the Annual Meeting of the Seminario Aleš Hrdlička: Hermosillo, Sonora.
- Harry, Karen G., and **James T. Watson.** Shaping Cultural Identity in Southern Nevada. Amerind Foundation Seminar: Social Identity in Frontier and Borderland Communities of the North American Southwest.
- 2008 **Watson, James T.** *Life and Death among Early Farmers of the Sonoran Desert.* Colton House Advanced Seminar and Pecos Conference Plenary Session: The Latest Research on the Earliest Farmers.
- 2006 Watson, James T. Dieta, Salud y Adaptación Durante la transición hacia la Agricultura en el Desierto de Sonora. Seminario de Arqueología del Norte de México. Museo Nacional de Antropología: Ciudad de México.

# Symposia:

2019 Villalpando C., Elisa, and James T. Watson. Early Mortuary Traditions in the Arizona-Sonora Borderlands. Invited poster presented in the "Transcending Boundaries and Exploring Pasts: Current Archaeological Investigations of the Arizona-Sonora Borderlands" symposium,

- organized by Andrew Veech. Annual Meeting of the Society for American Archaeology, Albuquerque, NM.
- Garcia M., Cristina, and **James T. Watson**. *Postclassic Shell Jewelry Exchange and Social Status in Central Sonora*. Invited poster presented in the "Crossing Boundaries: Interregional Interactions in Pre-Hispanic Mesoamerica" symposium, organized by Cinthia Campos. Annual Meeting of the Society for American Archaeology, Albuquerque, NM.
- 2018 Crane, Adam, **James T. Watson**, and Randy Haas. *The interplay of behavioral and occlusal etiologies in aberrant tooth wear*. Invited poster presented in the "Tooth Wear in Evolutionary and Biocultural Perspectives" symposium, organized by James T. Watson and Christopher Schmidt. Annual Meeting of the American Association of Physical Anthropologists, Austin, TX.
- Watson, James T., and Alexandra Tuggle. *Periodontal health and the lifecourse in bioarchaeology*. Invited poster presented in the "Reevaluating the meaning of 'oral health' in bioarchaeology" symposium, organized by Marin A. Pilloud and J.P. Fancher. Annual Meeting of the American Association of Physical Anthropologists, Austin, TX.
- Baustian, Kathryn M., and **James T. Watson**. Research and Consultation Protocols for Working with Human Remains when Descendant Communities are Lacking or Loosely Defined. Invited paper presented in Symposium: The Ethics of Working with Human Remains: Development and Refinement of Ethical Discourse, Principles, Justifications, and Practice for Anthropological Scholarship Involving Human Remains, organized by Molly K. Zuckerman. Annual meeting of the American Anthropological Association, Washington, D.C.
- 2017 **Watson, James T.**, Ivan Munoz, and Bernardo Arriaza. *Biocultural Evolution of the Oral Complex in Coastal Atacama and the Interplay of Selection, Plasticity, and Population Histories*. Invited paper presented in Symposium: Evolutionary Adaptations and Population History of the Atacama Desert, organized by Susan Kuzminsky and Laura Weyrich. Annual meeting of the Society for American Archaeology, Vancouver, B.C., Canada.
- Haas, Randall, **James T. Watson**, Carlos Viviano Llave, and Mark Aldenderfer. *The Signaling and Inheritance of Cooperation: Artificial Cranial Modification among Altiplano Foragers*. Invited paper presented in Symposium: Archaeological Perspectives on the Evolution of Forager Cooperation, organized by Randall Haas. Annual meeting of the Society for American Archaeology, Vancouver, B.C., Canada.
- Watson, James T., Brianna E. Herndon, and Craig Smith. Sex, Topography, and Anatomical Variation in the Femoral Notch: Non-contact ACL Injury in Evolutionary Perspective. Invited poster presented in the "Evolutionary Approaches to Bioarchaeology" symposium, organized James T. Watson and Rachael Byrd. Annual Meeting of the American Association of Physical Anthropologists, Atlanta, GA.
- 2016 Byrd, Rachael M., and **James T. Watson.** *AzBAD: Arizona Biological Affiliation Database*. Poster presented at the XV Biennial Southwest Symposium: Tucson, Arizona.
- 2016 Cajigas, Rachel, James T. Watson, and Todd Pitezel. Anthropogenic Influences on Terrace Soil Development at Tumamoc Hill. Poster presented at the XV Biennial Southwest Symposium: Tucson, Arizona.
- Watson, James T., John McClelland, and Todd Pitezel. "Stand fast and suffer long": The Ethics of Repatriation. Invited paper presented in the "Ethical Practice in Biological Anthropology: continuing the dialogue" symposium at the annual conference of the American Association of Physical Anthropologists, Knoxville, Tennessee.
- 2013 Cerezo-Román, Jessica I., and **James T. Watson.** From Inhumation to Cremation: Changes in funerary rituals in Southern Arizona from the Early Agricultural to Preclassic periods. Invited paper presented in the "Bioarchaeology and Social Identity" symposium at the annual conference of the Society for American Archaeology, Honolulu, Hawaii.
- Harry, Karen G., Nathan Harper, and **James T. Watson.** Shaping Cultural Identity in Southern Nevada. Invited paper presented in the "Social Identity in Frontier and Borderland Communities of the North American Southwest" symposium at the annual conference of the Society for

- American Archaeology, Honolulu, Hawaii.
- Watson, James T. Body, Place, and Time: Biocultural Dimensions of Mortuary Features among Early Farmers of Northwest Mexico. Invited paper presented in the "Los rostros de la muerte. Aproximaciones bioarqueológicas, históricas y etnológicas del tratamiento funerario en el Noroeste de México," at the biennial meetings of the International Congress of Americanists, Vienna Austria.
- 2012 Cerezo-Román, Jessica I., **James T. Watson**, Elisa Villalpando, Carlos Cruz Guzman, and Silvia Nava. *Mortuary Practices at the Cerro de Trincheras*, 1300 to 1450 AD, Sonora México. Invited paper presented in the "Los rostros de la muerte. Aproximaciones bioarqueológicas, históricas y etnológicas del tratamiento funerario en el Noroeste de México," at the biennial meetings of the International Congress of Americanists, Vienna Austria.
- Nava, Silvia, Carlos Cruz Guzman, Elisa Villalpando, Jessica I. Cerezo-Román, and **James T.**Watson. *Tratamiento funerario en la Tradición Trincheras*. Invited paper presented in the "Los rostros de la muerte. Aproximaciones bioarqueológicas, históricas y etnológicas del tratamiento funerario en el Noroeste de México," at the biennial meeting of the International Congress of Americanists, Vienna, Austria.
- Watson, James T., Ethne Barnes, and Art Rohn. *Interpersonal Violence among Early Farmers in the Sonoran Desert*. Poster presented at the XI Southwest Symposium, Hermosillo, Sonora.
- 2010 Graniel, Manual, **James T. Watson**, and Francisco Morales. *El Gigante de Desemboque*. Poster presented at the XI Southwest Symposium, Hermosillo, Sonora.

# Conference Presentations:

- Haas, Randall, Ioana Stefenescu, Alex Garcia-Putnam, Mark Aldenderfer, Mark Clementz, Melissa Murphy, Carlos Viviano Llave, and **James T. Watson**. 2018. *Testing for verticality among Archaic foragers of the Titicaca Basin*. Paper presented at the 58th Annual Meeting of the Institute for Andean Studies, Berkeley.
- 2018 Krummel, Jordan A., and **James T. Watson**. 2018. *Archaeothanatological analysis of mortuary practices in the Prehistoric Sonoran Desert and implications for interpreting sickness through postmortem processing*. Paper presented at the Annual Meeting of the Society for American Archaeology, Washington, D.C.
- 2017 Mallard, Angela M., **James T. Watson**, and Benjamin M. Auerbach. *Evaluating the Limitations of Biological Distance Models of Gene Flow in Ancient Human Populations*. Paper presented at the meeting of the American Association of Physical Anthropologists, New Orleans, LA.
- 2017 Crane, Adam, and **James T. Watson**. *The Interplay of Behavioral and Occlusal Etiologies in Aberrant Tooth Wear*. Poster presented at the annual meeting of the Southwestern Association of Biological Anthropologists, San Diego, CA.
- 2017 Haas, Randall, and **James T. Watson.** *Dental Evidence for Tuber Intensification in the Titicaca Basin, 7kya.* Paper presented at the 57th Annual Meeting of the Institute of Andean Studies, Berkeley, CA.
- 2016 Haas, Randy, **James T. Watson**, Carlos Viviano Llave, and Mark Aldenderfer. *A forager origin for artificial cranial modification in the Andes and its implications*. Paper presented at the Northeast Andean Meetings, Cambridge, MA.
- 2016 Mallard, Angela M., **James T. Watson**, and Benjamin M. Auerbach. *Evaluating biological distance and gene flow in three ancient human populations*. Paper presented at the meeting of Southwestern Association of Biological Anthropologists, Tempe, AZ
- 2015 Herndon, Brianna E., **James T. Watson**, and Craig Smith. *A Test of Sexual Dimorphism in Morphology of the Femoral Intercondylar Fossa*. Poster presented at the meeting of Western Bioarchaeology Interest Group, Tempe, AZ.
- Watson, James T., and Rachael M. Byrd. *Bioarchaeology at Las Capas: Uniformity and Continuity within the Early Agricultural Period*. Poster presented at the Society for American Archaeology, San Francisco, CA.

- 2015 Phelps, Danielle, Cristina Garcia, and **James T. Watson.** Selective Influence of West Mexico Cultural Traditions in the Onavas Valley, Sonora, Mexico. Paper presented at the Society for American Archaeology, San Francisco, CA.
- 2015 Cajigas, Rachel, and **James T. Watson.** Determining Construction Materials and Soil Formation Processes at a Burial Mound in Northwest Mexico Using Soil Micromorphology. Paper presented at the Society for American Archaeology, San Francisco, CA.
- Watson, James T., and Cristina Garcia. Long Heads and Jagged Teeth: Expanding the Northern Frontier of Prehistoric Mesoamerican Identity. Paper presented at the annual conference of the American Association of Physical Anthropologists, Calgary, Alberta.
- 2014 Phelps Danielle and **James T. Watson.** *Bad Death or Blood Feud? Mortuary Performance and Signaling among Early Farming Communities in the Sonoran Desert.* Poster presented at the 79th Annual Meeting of the Society for American Archaeology, Austin, Texas.
- 2013 **Watson James T.,** and Rachael M. Byrd. *Bioarchaeological Perspectives on Change and Continuity at Las Capas and the Early Agricultural Period*. Paper presented at the Fall Conference of the Arizona Archaeological Council, Mesa, Arizona.
- 2013 Tuggle, Alexandra C., and James T. Watson. Periodontal Health and Post-Reproductive Tooth Loss among Mogollon Women. Poster presented at the annual conference of the American Association of Physical Anthropologists, Knoxville, Tennessee.
- Watson, James T. The Interaction of Reproductive Physiology and Biocultural Ecology: A Comparison of Prehistoric Oral Pathology in Two American Deserts. Paper presented at the annual conference of the American Association of Physical Anthropologists, Portland, Oregon.
- 2012 **Watson, James T.**, and Rachael M. Byrd. *Mortuary Practices in the Early Agricultural period* (2100 BC-AD 50): Early Farming Communities in the Sonoran Desert. Paper presented at the annual conference of the Society for American Archaeology, Memphis, Tennessee.
- 2011 Byrd, Rachael M., and **James T. Watson.** *Phenotypic Variability of the First Farmers in the Sonoran Desert.* Paper presented at the Fall Conference of the Arizona Archaeological Council, Tucson, Arizona.
- 2011 Hopkins, Maren, Mathew Pailes, Suzanne Fish, Paul R. Fish, and **James T. Watson.** *Late Classic Exchange: A University Indian Ruin Perspective*. Paper presented at the Fall Conference of the Arizona Archaeological Council, Tucson, Arizona.
- Watson, James T. Distance in Space and Time: Issues with a Mortuary Database of the First Farmers in the Southern Southwest. Paper as part of digital symposium presented at the 76<sup>th</sup> Annual Meeting of the Society for American Archaeology, Sacramento, California.
- 2011 Cruz Guzmán, Carlos, Silvia Nava, Jessica Cerezo-Roman, James T. Watson, and Maria Elisa Villalpando. Cremaciones de Tradición Trincheras. Paper presented at the 76th Annual Meeting of the Society for American Archaeology, Sacramento, California.
- Watson, James T., Misty Fields, and Marijke Stoll. Violence and Postmortem Signaling in Early Farming Communities of the Sonoran Desert: An Expanded Taphonomic Approach. Poster presented at the 76<sup>th</sup> Annual Meeting of the Society for American Archaeology, Sacramento, California.
- 2010 Stoll, Marijke, and **James T. Watson.** *Logistic Mobility among Farmers of the Sonoran Desert.* Paper presented at the Fall Conference of the Arizona Archaeological Council, Tucson, Arizona.
- 2010 Byrd, Rachel M., **James T. Watson**, Suzanne Fish, and Paul Fish. *Architecture and the Afterlife:*A Spatial Analysis of Mortuary Behavior at University Indian Ruin. Paper presented at the Fall Conference of the Arizona Archaeological Council, Tucson, Arizona.
- 2010 Copeland, Audrey, **James T. Watson**, and Jay Quade. *Radiocarbon Dating Terrestrial Gastropods in Prehistoric Irrigation Canals*. Paper presented at the Fall Conference of the Arizona Archaeological Council, Tucson, Arizona.
- 2010 Wolff, Sarah, Paul Fish, Suzanne Fish, and **James T. Watson**, Barnet Pavao-Zuckerman, Rachael M. Byrd. *A Preliminary Analysis of Bison Remains at University Indian Ruin*. Paper presented at the Fall Conference of the Arizona Archaeological Council, Tucson, Arizona.

- 2010 Elliott, Alien, Brett T. McLaurin, and **James T. Watson.** *Genesis of an Artifact Layer at the La Playa Archaeological Site (SON F:10:3), Sonora, Mexico.* Poster presented at the Annual Meeting of the Geological Society of America, Denver, Colorado.
- 2010 McLaurin, Brett T., and **James T. Watson.** Quaternary Stratigraphy an Artifact Layer at the La Playa Archaeological Site (SON F:10:3), Northern Sonora, Mexico. Poster presented at the Annual Meeting of the Geological Society of America, Denver, Colorado.
- Watson, James T., and Jessica Cerezo-Roman. *The Performative Transition of Mortuary Ritual* in the Southern Southwest. Paper presented at the 75<sup>th</sup> Annual Meeting of the Society for American Archaeology, St. Louis, Missouri.
- 2010 Copeland, Audrey, Jay Quade, and **James T. Watson.** *Stories from Snails: Assessing an Anthropogenic Landscape with Gastropods.* Poster presented at the 1<sup>st</sup> Annual Ecology and Evolutionary Biology Undergraduate Research Poster Session, University of Arizona, Tucson, Arizona.
- Watson, James T., and John McClelland. Bioarchaeology in Arizona at the Beginning of a New Century. Annual Fall Conference of the Arizona Archaeological Council. Flagstaff AZ.
- 2008 Fish, Paul, Suzanne Fish, Gary Christopherson, Todd Peitzel, and **James T. Watson.** *Tumamoc Hill: Settlement, Function and Organization.* Arizona Archaeological Council Conference: Advances in Hohokam Archaeology. Phoenix, Arizona.
- 2008 Harry, Karen G., and **James T. Watson.** *The Shivwits Research Project: Exploring Virgin Anasazi Settlement and Subsistence Patterns on the Arizona Strip.* Paper presented at the 73<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Vancouver, British Columbia.
- Watson, James T. The Spread of Agriculture into the North American Desert West: Language, Genes and Teeth. Paper presented at Southern Illinois University Center for Archaeological Investigations Visiting Scholar Conference: Archaeological and Biological Variation in the New World. Carbondale, Illinois.
- 2006 Cowles, Wendy K., and **James T. Watson.** *Periodontal Disease in Prehistoric Women*. Paper presented at Midwest Bioarchaeology and Forensic Anthropology Association Conference: Springfield, Illinois.
- 2006 **Watson, James T.**, Coral Montero, and Ethne Barnes. *Dinámicas Poblacionales Durante el Periodo Agricultura Temprana en el Sitio La Playa, Sonora*. Paper presented at Congreso de Salud Prehispánica. Museo Nacional de Antropología, Ciudad de México.
- Watson, James T., Ethne Barnes, and Art Rohn. *Demography, Disease, and Diet of the Human Skeletal Sample from La Playa*. Paper presented at the 71<sup>st</sup> Annual Meeting of the Society for American Archaeology: San Juan, Puerto Rico.
- Watson, James T. The Recipe for Constructing a Burial Chronology: Erosion, GPR, Fluoride and Radiocarbon at La Playa, Sonora. Poster presented at the 70<sup>th</sup> Annual Meeting of the Society for American Archaeology, Salt Lake City, Utah.
- Watson, James T., Coral Montero, John P. Carpenter, Ethne Barnes, and Art Rohn. *Early Agricultural Period Burials at La Playa (SON:F:10:03), Sonora, Mexico: Further Preliminary Results.* Paper presented at the 69<sup>th</sup> Annual Meeting of the Society for American Archaeology, Montreal, Quebec.
- Watson, James T. Lo Que Los Labios No Dicen, Los Dientes Si: Salud Dental en La Playa, Sonora. Paper presented at the Annual Meeting of the Society of Mexican Anthropology, Xalapa, Veracruz.
- Watson, James T. Context and Burial Rescue in Northern Sonora, Mexico. Poster presented at the 71st Annual Meeting of the American Association of Physical Anthropologists, Buffalo, New York.
- Watson, James T. Basketmaker Diets at the Western Frontier: Black Dog Mesa (26CK5686). Paper presented at the 67<sup>th</sup> Annual Meeting of the Society for American Archaeology, Denver, Colorado.
- 2002 Watson, James T. Virgin Anasazi Subsistence Patterning and the Basketmaker Diet at the

- Western Frontier. Paper presented at the Nevada Archaeological Association Conference, Carson City, Nevada.
- Watson, James T. A Quantitative Test of Artificial Cranial Deformation from the American Southwest. Poster presented at the 3<sup>rd</sup> Annual Conference of The British Association of Biological Anthropology and Osteoarchaeology, Durham, England.
- Watson, James T., and Stephanie L. Davy. *Metastatic Carcinoma in Antiquity*. Paper presented at the 3<sup>rd</sup> Annual Conference of The British Association of Biological Anthropology and Osteoarchaeology, Durham, England.
- Watson, James T., and Ethne Barnes. *The Paleopathology of Human Remains from La Playa, Sonora*. Paper presented at the 66<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.
- 2000 **Watson, James T.** A Quantitative Study of Artificial Cranial Deformation: Bio-Cultural Behavior in Southwest Prehistory. Poster presented at the 69<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, San Antonio, Texas.
- 1998 **Watson, James T.** Faunal Analysis of 14OB27. Paper presented at the 56<sup>th</sup> Annual Plains Anthropological Conference, Bismarck, North Dakota.
- 1997 **Watson, James T.** *The Great Plains and Artificial Cranial Deformation.* Poster presented at the 55<sup>th</sup> Annual Plains Anthropological Conference, Boulder, Colorado.
- 1997 **Watson, James T.**, Nathan K. Harper, and Peer H. Moore-Jansen. *Skeletal Analysis of Metastatic Adenocarcinoma in a 51-Year-old Black Male*. Poster presented at the Midwest Bioarchaeology and Forensic Anthropology Conference, Chicago, Illinois.

# **Invited Presentations:**

- Hatfield's and McCoy's, 4,000 years ago: Ancient Farming, Feuding, and Fighting in the Sonoran Desert. Presented to The Yale Club of Southern Arizona, Tucson, Arizona (12/01/17).
- 2015 *How Diseases Evolve with Humans*. Presented to Tucson Rotary Club, Tucson, Arizona (03/10/15).
- 2015 Ancient Farming, Feuding, and Fighting in the Sonoran Desert. Presented to Voyager RV Community, Tucson, Arizona (02/12/15).
- 2014 Prehistoric Domestic Disputes or Warfare. Presented to Arizona Archaeological and Historical Society, Tucson, Arizona (06/16/14).
- 2013 Evolution to Revolution: How Diseases Evolve with Humans. Presented to Arizona Senior Science Academy, Vail, Arizona (09/19/13).
- 2013 Prehistoric Domestic Disputes or Warfare. Presented to Arizona Senior Science Academy, Vail, Arizona (06/13/13).
- 2013 Ancient Farming, Feuding, and Fighting in the Sonoran Desert. Presented to Western National Parks Association, Oro Valley, Arizona (08/07/13).
- 2012 Reconstructing an Ancient Human Biocultural Ecology: How Environment, Human Biology, Technology, and Social Complexity Impact Oral Health in Past Populations. Presented at Anthropology Colloquium, Arizona State University.
- 2012 Prehistoric Domestic Disputes or Warfare. Presented to Community Center for Sun City Rancho Vistoso, Oro Valley, Arizona (08/07/12).
- 2011 Bad Death or Blood Feud? Mortuary Performance and Signaling among Early Agricultural Communities in the Sonoran Desert. Presented at UNLV Department of Anthropology Lecture Series (11/02/11).
- 2011 Foraging, Farming, and the Biological Consequences of Prehistoric Human Adaptations to Desert Ecosystems. Presented to the UA Science Tumamoc Hill Lecture Series (10/05/11).
- 2011 How the Ancient and Recent Past Affect the Modern Epidemiology of DMT2. Presented to the UA School of Public Health Lecture Series (10/05/11).
- 2010 A Tooth per Child: Health Consequences for the Earliest Farmers in the Southern Southwest.

  Presented at Southwest Seminars "Ancient Sites, Ancient Stories" 2010 lecture series. Santa Fe,

- New Mexico (02/22/10).
- 2010 *Why Fishers Became Farmers*. University of Indianapolis Blanch E. Penrod Speaker, Indianapolis, Indiana (02/19/10).
- 2010 *Bioarchaeology*. Presented to University of Arizona School of Anthropology Spring 2010 Archaeology Field School. Tucson, Arizona (02/01/10).
- 2010 *The Biological Consequences of the Origin of Agriculture in the Prehispanic Sonoran Desert.* Presented to UA class: Southwest Land, Culture and Society. Tucson, Arizona (02/09/10).
- 2010 Bone Identification Lab. Presented to University of Arizona School of Anthropology Spring 2010 Archaeology Field School. Tucson, Arizona (01/29/10).
- 2009 Formative Adaptations, Diet and Oral Health in the Azapa Valley of Northwest Chile. Lecture in the School of Anthropology Lecture Series. University of Arizona, Tucson, AZ.
- 2009 *Bioarchaeology at the Arizona State Museum*. Presented at Coffee with the Curators at ASM, Tucson, Arizona (11/04/09).
- 2009 Deserts, Diets and Dentition. Archaeology Café, sponsored by the Center for Desert Archaeology, Tucson, AZ.
- 2009 Lucy's Smile: How Teeth and Diet Evolve Together. Lecture as part of the ASM "Walking in Her Footsteps" exhibit and lecture program, Tucson, Arizona (03/05/09).
- 2009 A Tooth per Child. Presented to Community Center for Sun City Anthem, Oro Valley, AZ.
- Women's Oral Health and the Introduction of Agriculture. Presented to the Western National Parks Association, Oro Valley, AZ.
- 2008 Dental Health at the Agricultural Transition in Sonora, Mexico. Department of Anthropology Lecture Series, University of Illinois, Urbana-Champaign, Illinois (04/08).
- 2008 Humans and Diseases Evolving. Cutting Edge Lecture Series. Indiana University-Purdue University Indianapolis, Office of Academic Affairs: Indianapolis, Indiana (04/08).
- 2008 Prehistoric Oral Health, Diet and Population Affinity in Northwest Mexico. Oral Health Research Institute Lecture Series, Indiana University Dental School, Indianapolis, Indiana (02/08).
- 2007 *The Gods Gave Us Corn.* Archaeological Institute of America Central Indiana Chapter, Indianapolis, Indiana (04/07).
- 2007 Dental Disease and the Origins of Agriculture in the American Desert West. Department of Anthropology, Geology and Geography Distinguished Lecture Series. Indiana State University, Terre Haute, Indiana (03/07).
- 2006 Dieta, Salud, y Adaptación Durante la transición hacia la Agricultura en el Desierto de Sonora. Seminario de Arqueología del Norte de México. Museo Nacional de Antropología, Ciudad de México (08/06).
- 2003 Cavities on the Cob: 8,000 Years of Dental Health at La Playa. 2003 Graduate & Professional Student Research Forum. University of Nevada Las Vegas, Las Vegas, Nevada (04/03).
- 2001 *The Excavation of Human Remains from La Playa, Sonora*. 2001 Graduate Student Research Forum, University of Nevada Las Vegas, Las Vegas, Nevada (04/01).
- 1998 Anthropology and Taphonomic Theory and Processes. 1st Annual Lambda Alpha Symposium, Wichita, Kansas (03/98).

# **Grants and Contracts**

# Federal:

- 2019 Bureau of Indian Affairs Cooperative Agreement Contract. "BIA Collections Curation and Documentation." \$175,000. Co-PI (50%) with Claire Barker.
- 2018 National NAGPRA Grant. "Tucson Basin Repatriation." \$15.000. Co-PI (50%) with Claire Barker.
- Bureau of Indian Affairs Cooperative Agreement Contract. "Kinishba Repatriation." \$96,472. PI (100%).
- 2017 Bureau of Indian Affairs Cooperative Agreement Contract. "Grasshopper Phase III Repatriation."

- **\$33,000**. Co-PI (90%) with John McClelland.
- 2012 National Park Service (TUZI) Grant. Bioarchaeology Services Contract. \$250. PI (100%).
- 2011 National Park Service (PEFO) Grant. Bioarchaeology Services Contract. \$3,000. PI (100%).
- 2009 Visiting Scholar Fulbright Award. Universidad de Tarapaca, Arica, Chile. \$13,000. PI (100%).
- National Science Foundation DDI Grant No. BCS-0433986. "Cavities on the Cob: Dental Health and the Agricultural Transition in Sonora, Mexico." **\$8,900**. PI (100%).

# Industry:

- Desert Archaeology Inc. Bioarchaeology Services Contract: Analysis of remains from AZ BB:13:6(ASM). **\$12,650**. PI (100%).
- Desert Archaeology Inc. Bioarchaeology Services Contract: Excavation of remains from AZ BB:13:6(ASM). \$7,425. PI (100%).
- 2018 SWCA Inc. Bioarchaeology Services Contract: Analysis of remains from AZ AA:7:400(ASM). **\$440**. PI (100%).
- Westland Resources, Inc. Bioarchaeology Services Contract: Analysis of remains from Huntington Ruin. \$1,000. PI (100%).
- Desert Archaeology Inc. Bioarchaeology Services Contract: Analysis of remains from Los Pozos. **\$1,000**. PI (100%).
- 2015 Desert Archaeology Inc. Bioarchaeology Services Contract: Analysis of remains from Court Street Cemetery. **\$1,000**. PI (100%).
- 2014 Desert Archaeology Inc. Bioarchaeology Services Contract: Analysis of remains from Court Street Cemetery. **\$800**. PI (100%).
- Desert Archaeology Inc. Bioarchaeology Services Contract: Analysis of remains from Las Capas. **\$6,000**. PI (100%).
- 2013 Desert Archaeology Inc. Bioarchaeology Services Contract: Analysis of remains from Court Street Cemetery. **\$1,100**. PI (100%).
- Desert Archaeology Inc. Bioarchaeology Services Contract: Analysis of remains from DAI Project #SR86DR3. **\$300**. PI (100%).
- William Self Assoc., Bioarchaeology Services Contract: Analysis of remains from Cedar City, UT sites. \$400. PI (100%).
- Desert Archaeology Inc. Bioarchaeology Services Contract: Exacavtion of remains from Court Street Cemetery. **\$600**. PI (100%).
- William Self Assoc., Bioarchaeology Services Contract: Analysis of remains from St. Georg, UT sites. \$160. PI (100%).
- Desert Archaeology Inc. Bioarchaeology Services Contract: Analysis of remains from Los Pozos. \$595. PI (100%).
- 2010 Desert Archaeology Inc. Bioarchaeology Services Contract: Analysis of remains from DAI Project #SR86DR2. **\$600**. PI (100%).
- Desert Archaeology Inc. Bioarchaeology Services Contract: Analysis of remains from Las Capas. **\$2,800**. PI (100%).
- 2008 SWCA Environmental Consultants. Bioarchaeology Services Contract: Analysis of remains from Misc AZ sites. \$455. PI (100%).

### University:

- Arizona State University. Subcontract "Bioarchaeology Excavation and Analysis at El Cementerio archaeological site, Ónavas, Sonora, Mexico." \$10,800. PI (100%).
- Arizona State University. Subcontract "Bioarchaeology Excavation and Analysis at El Cementerio archaeological site, Ónavas, Sonora, Mexico." \$7,200. PI (100%).
- 2013 UA Faculty Seed Grant. "The Origins of Tumamoc's Sacred Hilltop Village." \$9,776. PI (100%).
- 2013 Arizona State Museum Burgan Fund Grant. "Burial Taphonomy & Stratigraphic Sequencing at

- La Playa, Sonora, Mexico." \$1,500. PI (100%).
- Arizona State Museum Burgan Fund Grant. "Linking Soil and Burial Stratigraphies: Two Millennia of Death and Burial at La Playa, Sonora, Mexico." \$1,500. PI (100%).
- Arizona State Museum Burgan Fund Grant. "Tracking Continuity in Prehistoric Mortuary Customs in Northwest Mexico." \$3,000. PI (100%).
- 2010 UA, Arizona State Museum Burgan Fund Grant. "Defining Prehistoric Mortuary Customs in Northern Sonora, Mexico." \$3,500. PI (100%).
- UA, Arizona State Museum Burgan Fund Grant. "Farming, Fertility, Hormones and Disease among Women in the Ancient American Southwest." \$2,000. PI (100%).
- 2009 UA Faculty Small Grant. "Dating Anthropogenic Landscapes with Terrestrial Gastropods and Human Skeletons." **\$9,900**. PI (100%).
- 2009 UA, Arizona State Museum Burgan Fund Grant. "Building a 2,000 Year Burial Sequence." **\$2,660**. PI (100%).
- 2009 UA Student Affairs Student/Faculty Interaction Grant. "Coffee with the Curators." **\$200**. PI (50%).
- Indiana University-Purdue University Indianapolis, Summer Research and Creative Activity Grant. "Diet in Ancient Mexico: An Analysis of Stable Isotopes." \$3,640. PI (100%).
- 2003 UNLV Presidential Scholarship. \$15,000. PI (100%).
- 2002 UNLV Graduate Research Training Assistantship. \$6,600. PI (100%).
- 2002 UNLV Anthropology, Edwards and Olswang Graduate Grant. \$1,800. PI (100%).
- 2001 UNLV Graduate Student Association Travel Grant. \$1,000. PI (100%).

# List of Collaborators on all Grants and Contracts (Last Five Years)

Christopher W. Schmidt, University of Indianapolis

Randall Haas, University of California, Davis

Paul and Suzanne Fish, University of Arizona

John McClelland, University of Arizona

Todd Pitezel, University of Arizona

Rachael Byrd, University of Arizona

Jessica Cerezo-Roman, University of Oklahoma

Marijke Stoll, University of Arizona

M. Elisa Villalpando C., Centro INAH Sonora

John Carpenter, Centro INAH Sonora

Silvia Nava, Centro INAH Sonora

Carlos Cruz Guzman, Centro INAH Sonora

Bernardo Arriaza, Universidad de Tarapacá, Arica

Ivan Munoz, Universidad de Tarapacá, Arica

Cristina Garcia M., Centro INAH Sonora

Homer Thiel, Desert Archaeology, Inc.

Mike Brack, Desert Archaeology, Inc.

Karen Harry, University of Nevada Las Vegas

Debra Martin, University of Nevada Las Vegas

Brett McLaurin, Bloomsburg University

# SECTION VIA: EVALUATION OF TEACHING AND ADVISING

# **Extent of Teaching (Last 3 Years Only)**

Extent of Tea	ching (Last 3 Tears Only)			
University of Arizona				
Fall 2017	ANTH 468/568: Human Osteology			
	16 undergraduate students, 2 graduate students			
Fall 2016	ANTH 468/568: Human Osteology			
	10 undergraduate students, 1 graduate student			
Spring 2016	ANTH 403/503: Diseases in Human Evolution			
	15 undergraduate students, 3 graduate students			
	ANTH 160D2: Origins of Human Diversity			
	120 undergraduate students			
Fall 2014	ANTH 468/568: Human Osteology			
	16 undergraduate students, 3 graduate students			
Spring 2013	ANTH 495/595: Seminar in Bioarchaeology			
	12 undergraduate students, 2 graduate students			
Fall 2013	ANTH 495/595: Diseases in Human Evolution			
	16 undergraduate students, 4 graduate students			
Fall 2012	ANTH 468/568: Human Osteology			
	16 undergraduate students, 4 graduate students			
Spring 2012	ANTH 160D: Patterns in Prehistory			
	120 undergraduate students			
Fall 2011	ANTH 495/595: Seminar in Bioarchaeology			
	12 undergraduate students, 5 graduate students			
Fall 2010	ANTH 468/568 (two sections): Human Osteology			
	24 undergraduate students, 8 graduate students			
Fall 2009	ANTH 468/568: Human Osteology			
	12 undergraduate students, 6 graduate students			

# **Individual Student Contact**

# Undergraduate Advising:

Undergrad Kota Fleming (2017) thesis: James Staples (2017)

> Brianna Herndon (2016) Hanna Herrick (2016) Caroline Znachko (2016) Ashley D'Elia (2014)

Alison Brooks-Garcia (2014) Jillian Lacroix-Martin (2013)

Sydney Tuller (2013) Mariah Moe (2012) Alexandra Tuggle (2012) Audrey Copeland (2011)

Independent Alexandra Tuggle (2012) studies: Jillian Lacroix-Martin (2012)

> Mariah Moe (2012) Leticia Jones (2012) Ashley D'Elia (2012) Erin Clair (2011) Kyle Wiley (2011)

Harrison Redd (2011) Audrey Copeland (2011) Sydney Tuller (2011) Suzanna Defriez (2010)

Graduate Advising:

Advisor: Rachael Byrd (MA-2012, PhD)

Danielle Phelps (PhD)
Gabriella Soto (PhD)
Caitlin McPherson (MA)
Jordan Krummel (PhD)
Adam Crane (PhD)

Co-Advisor: Rebecca Mountain (MA-2013, PhD)

Amy Schott (MA-2013)

Service on dissertation committees, other than as advisor

Rachel Cajigas (MA-2014, PhD)

Marijke Stoll (MA-2012)

Service on thesis committees, other than as advisor

Juan Manuel Palomo (MA-2013, PhD)

Jonathan Weiland (MA-2012) Leslie Aragon (MA-2012)

# **Evaluation of Teaching and Teaching Portfolio**

QUANTITATIVE SUMMARY OF UA STUDENT EVALUATIONS OF COURSES TAUGHT BY WATSON:

# a) Overall ratings:

Course	Enr.	Resp.	A	В	C	D
ANTH 468/568 F/12	20	10	5.0	4.2	4.8	4.8
ANTH 160D S/12	120	65	4.7	4.9	4.5	na
ANTH 495/595 F/11	17	15	5.0	4.2	4.6	4.6
ANTH 468/568 F/10	32	22	5.0	4.2	4.8	4.8
ANTH 468/568 F/09	18	16	5.0	4.2	4.8	4.8

KEY: A - overall rating of instructor's effectiveness

B - how much student learned

C - overall rating of course

D - comparison of instructor's effectiveness

## b) Ratings of class materials and student treatment:

Course	Enr.	Resp.	Е	F	G	
ANTH 468/568 F/12	20	10	5.0	4.2	4.8	4.8
ANTH 160D S/12	120	65	4.7	4.9	4.5	na
ANTH 495/595 F/11	17	15	5.0	4.2	4.6	4.6
ANTH 468/568 F/10	32	22	5.0	4.2	4.8	4.8
ANTH 468/568 F/09	18	16	5.0	4.2	4.8	4.8

KEY: E - rating of textbook and readings for course

F - usefulness of outside assignments for learning

G - usefulness of in-class activities for learning

# SUMMARY OF STUDENT COMMENTS ON QUESTIONNAIRES (2011 only):

# ANTH 468/568 Human Osteology, Fall 2011

• I enjoyed the bones analysis and the instruction for practicals. I would have liked to have reviewed the book material more or tied it in more with the lectures.

# Curriculum Vitae—James T. Watson

- Wonderful teaching. Great real-life application and experience.
- I love the hands-on experience of identifying bones and being responsible for our own analysis at the end of the semester. I would prefer that we lecture about bones as we are looking at them. I'd like to see pictures on the overhead.
- Great instructor.

This is a true and accurate statement of my activities and accomplishments. I understand that misrepresentation in securing continuing status and promotion may lead to dismissal or suspension under ABOR Policy 6-301 I.2.b.

*y*ames T. Watson