

## **ADAM KEITH HUTTENLOCKER**

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### **Personal**

Born: August 3, 1982, Wailuku, Hawai'i  
Citizenship: United States of America

### **Education**

- 2008– University of Washington, Seattle (UW), Ph.D. Biology (expected)  
Advisory committee: Christian Sidor (chair), Jennifer Botha-Brink (external committee member, National Museum, Bloemfontein), Sue Herring, Elizabeth Nesbitt, Greg Wilson  
Dissertation: ‘An integrative assessment of body size and growth patterns in therocephalian and cynodont therapsids (Synapsida) before and after the end-Permian extinction’
- 2005–2008 California State University, San Bernardino (CSUSB), M.S. Biology  
Advisory committee: Stuart Sumida (chair), Anthony Metcalf, Kevin Middleton, David Polcyn  
Thesis: ‘Comparative osteohistology of hyperelongate neural spines in basal synapsids (Vertebrata: Amniota): Growth and mechanical considerations’
- 2002–2005 University of Colorado, Boulder (CU), B.A. Environmental, Population, and Organismic Biology with Geology minor

### **Research & Collections Appointments**

- 2012 (Winter) Research Assistant, *Collaborative Research: New research on the Mesozoic vertebrate faunas of the Beardmore Glacier region, Antarctica* (NSF-ANT-0838762), UW—PI: Bill Hammer, Christian Sidor
- 2011 (Winter) Research Assistant, *Collaborative Research: New research on the Mesozoic vertebrate faunas of the Beardmore Glacier region, Antarctica* (NSF-ANT-0838762), UW—PI: Bill Hammer, Christian Sidor
- 2010 (Spring) Research Assistant, *Collaborative Research: New research on the Mesozoic vertebrate faunas of the Beardmore Glacier region, Antarctica* (NSF-ANT-0838762), UW—PI: Bill Hammer, Christian Sidor
- 2010 (Winter) Research Assistant, *Collaborative Research: New research on the Mesozoic vertebrate faunas of the Beardmore Glacier region, Antarctica* (NSF-ANT-0838762), UW—PI: Bill Hammer, Christian Sidor
- 2009 (Spring) Research Assistant, *Paleontological and geological reconnaissance of the Permo-Triassic Argana Basin, Morocco*, UW—PI: Christian Sidor

- 2009 (Winter) Research Assistant, *Collaborative Research: Testing climate-induced endemism in central Pangea* (NSF-EAR-0617718), UW—PI: Christian Sidor  
2004–2005 Collections Assistant (Paleontology Section), University of Colorado Museum (UCM), Boulder, CO—Supervisors: Jaelyn Eberle, Toni Culver  
2003–2005 Research Volunteer, Denver Museum of Nature & Science, Denver, CO—Supervisor: Bryan Small

### **Research Interests**

Origins and early life history evolution of mammals and their extinct ancestors; paleobiological inference using comparative bone histomorphology and skeletochronology in Paleozoic and Mesozoic tetrapods and early amniotes; paleoecology and biogeographic distributions of Laurasian and Gondwanan tetrapod faunas during the Carboniferous-Permian icehouse-hothouse transition and end-Permian extinction.

### **Awards, Grants & Scholarships**

- United States Department of Defense Antarctica Service Medal (2012)  
UW Ingrith Deyrup-Olsen Distinguished Teaching Award (2012) – Amount awarded:  
\$1,000  
NSF Doctoral Dissertation Improvement Grant (2012–2013) – Amount awarded: \$14,365  
Evolving Earth Foundation Student Grant Program (2011) – Amount awarded: \$3000  
UW Department of Biology WRF-Hall Fellowship (2010–2011) – Amount awarded:  
\$5780  
Society of Vertebrate Paleontology Richard Estes Award (2009) – Amount awarded:  
\$1200  
University of California, Berkeley Doris and Samuel P. Welles Fund (2009) – Amount awarded: \$600  
UW Department of Biology Snyder Award (2009) – Amount awarded: \$1250  
CSUSB Outstanding Graduate Thesis Award (2008) – Amount awarded: \$500  
CSUSB Department of Biology’s Outstanding Graduate Student (2008)  
CSUSB Associated Students Incorporated Research & Travel Award (2008) – Amount awarded: \$1000  
CSUSB Sally Casanova Predoctoral Scholar (2006–2007) – Amount awarded: \$3000  
CSUSB Associated Students Incorporated Research & Travel Award (2006) – Amount awarded: \$500  
University of California Museum of Paleontology Doris and Samuel P. Welles Fund (2003) – Amount awarded: \$1800  
CU, Department of Geological Sciences Mentorship Grant (Summer 2003) – Amount awarded: \$1000  
CU, Department of Geological Sciences Mentorship Grant (Spring 2003) – Amount awarded: \$1000

## **Collaborators and Co-editors**

(**grad students in boldface, undergraduates underlined**): Fernando Abdala (Bernard Price Institute, Johannesburg); Jason Anderson (University of Calgary); Kenneth Angielczyk (Field Museum, Chicago); Jeff Benca (UW); Jennifer Botha-Brink (National Museum, Bloemfontein); Khai Button (UW); Anusuya Chinsamy-Turan (University of Cape Town); **Mark Gorman** (University of Chicago); Brian K. Hall (Dalhousie University, Halifax); Christian Kammerer (American Museum of Natural History, New York); Andrew Lee (Midwestern University); Jon Marcot (University of Illinois); William May (Sam Noble Oklahoma Museum of Natural History); David Mazierski (University of Toronto); Sean Modesto (Cape Breton University); Sterling Nesbitt (UW); Kevin Padian (UC Berkeley); **Jason Pardo** (University of Calgary); Elizabeth Rega (Western University of Health Sciences, Pomona); Robert Reisz (University of Toronto); Timothy Rowe (University of Texas, Austin); Christian Sidor (UW); Trond Sigurdsen (University of Texas, Austin); Bryan Small (Denver Museum of Nature & Science); Roger Smith (Iziko South African Museum, Cape Town); Stuart Sumida (CSUSB); Linda Tsuji (UW); **Sarah Werning** (UC Berkeley); **Holly Woodward** (Montana State University, Bozeman)

## **Society Affiliations**

2012–	The Paleontological Society
2006–2012	Society for Integrative and Comparative Biology (SICB)
2006–2012	Palaeontological Society of Southern Africa (PSSA)
2002–2012	Society of Vertebrate Paleontology (SVP)
2005–2008	Western Interior Paleontological Society (WIPS)
2002–2005	Geological Society of America (GSA)

## **Professional Services**

Manuscript Referee: Fieldiana; Journal of Vertebrate Paleontology; New Mexico Museum of Natural History and Science Bulletin; Palaeontology; Palaeontologia Africana; Acta Palaeontologica Polonica; Palaeogeography, Palaeoclimatology, Palaeoecology

Symposium Moderator: Society of Vertebrate Paleontology Annual Meeting, 2006, Ottawa; Society of Vertebrate Paleontology Annual Meeting, 2010, Pittsburgh

Symposium Staff: Fossil Preparation and Collections Symposium, 2012, Seattle

## **Field Experience**

2011	Denver Museum of Nature & Science – Snowmastodon Project, Snowmass, CO—Crew chief: Kirk Johnson, Ian Miller
2010–2011	UW Burke Museum – Central-Transantarctic Mountains, Antarctica—Crew chief: Christian Sidor, Bill Hammer
2010	National Museum, Bloemfontein – Bethulie District, Karoo Basin, South Africa—Crew chief: Jennifer Botha-Brink

2009	UW Burke Museum – Richardson County, NE—Crew chief: Adam Huttenlocker
2009	UW Burke Museum – Argana Basin, Morocco—Crew chief: Christian Sidor
2008	UW Burke Museum – Richardson County, NE—Crew chief: Adam Huttenlocker
2007–2008	Field Monitor/Paleontologist, PaleoEnvironmental Associates, Inc., Altadena, CA—Program manager: Bruce Lander
2005–2008	Field Monitor/Paleontologist, Cogstone Resource Management, Inc. Santa Ana, CA—Program manager: Sherri Gust
2004	Denver Museum of Nature & Science – Cañon City, Fremont County, CO—Crew chief: Jason Pardo, Bryan Small
2003	Department of Geological Sciences, CU – Bighorn County, WY—Crew chief: Melissa Smeins, Mary Kraus

## Peer-Reviewed Articles

11. Sigurdsen, T., **A. K. Huttenlocker**, S. P. Modesto, T. Rowe, and R. Damiani. In press. Reassessment of the morphology and paleobiology of the therocephalian *Tetracynodon darti* (Therapsida), and the phylogenetic relationships of Baurioidea. *Journal of Vertebrate Paleontology*.
10. **Huttenlocker, A. K.**, and C. A. Sidor. 2012. Taxonomic revision of therocephalians (Therapsida) from Antarctica. *American Museum Novitates* 3738:1–19.
9. May, W., **A. K. Huttenlocker**, J. D. Pardo, J. Benca, and B. J. Small. 2011. New Upper Pennsylvanian armored dissorophid records (Temnospondyli: Dissorophoidea) from the US midcontinent and the stratigraphic distributions of dissorophids. *Journal of Vertebrate Paleontology* 31:907–912.
8. **Huttenlocker, A. K.**, D. Mazierski, and R. Reisz. 2011. Comparative osteohistology of hyperelongate neural spines in the Edaphosauridae (Amniota: Synapsida). *Palaeontology* 54:573–590.
7. **Huttenlocker, A. K.**, C. A. Sidor, and R. M. H. Smith. 2011. A new specimen of *Promoschorhynchus* (Therapsida: Therocephalia: Akidnognathidae) from the lowermost Triassic of South Africa and its implications for therocephalian survival across the Permo-Triassic boundary. *Journal of Vertebrate Paleontology* 31:405–421.
6. **Huttenlocker, A. K.**, E. Rega, and S. Sumida. 2010. Comparative anatomy and osteohistology of hyperelongate neural spines in the sphenacodontids *Sphenacodon* and *Dimetrodon* (Amniota: Synapsida). *Journal of Morphology* 271:1407–1421.
5. Pardo, J. D., B. J. Small, **A. K. Huttenlocker**, and M. A. Gorman II. 2010. The cranial anatomy of a new genus of lungfish from the Morrison Formation of North America. *Journal of Vertebrate Paleontology* 30:1352–1359.
4. **Huttenlocker, A. K.** 2009. An investigation into the cladistic relationships and monophyly of therocephalian therapsids (Amniota: Synapsida). *Zoological Journal of the Linnean Society* 157:865–891.

3. Pardo, J. D., **A. K. Huttenlocker**, and J. Marcot. 2008. Stratocladistics and evaluation of evolutionary modes in the fossil record: an example from the ammonite genus *Semiformiceras*. *Palaeontology* 51:767–773.
2. Englehorn, J., B. J. Small, and **A. Huttenlocker**. 2008. Anatomy and relationships of *Acroploous vorax* (Amphibia: Dvinosauroidea): new specimens from the Lower Permian of Nebraska and Kansas. *Journal of Vertebrate Paleontology* 28(2):291–305.
1. **Huttenlocker, A. K.**, B. J. Small, and J. Pardo. 2007. *Plemmyradytes shintoni* gen. et sp. nov., an Early Permian amphibamid (Temnospondyli: Dissorophoidea) from the Eskridge Formation, Nebraska. *Journal of Vertebrate Paleontology* 27(2):316–328

### Book Chapters / Edited Volumes

4. Lee, A. H., **Huttenlocker, A. K.**, K. Padian, and H. N. Woodward. (In Press). Chapter 8: Analysis of Growth Rates. For *Bone Histology of Fossil Tetrapods: Issues, Methods, and Databases* – Ed., K. Padian. University of California Press.
3. **Huttenlocker, A. K.**, H. N. Woodward, and B. K. Hall. (In Press). Chapter 1: Biology of Bone. For *Bone Histology of Fossil Tetrapods: Issues, Methods, and Databases* – Ed., K. Padian. University of California Press.
2. **Huttenlocker, A. K.**, and E. Rega. 2011. Chapter 4: The Paleobiology and Bone Microstructure of Pelycosaurian-grade Synapsids. Pp. 90–119 in A. Chinsamy (ed.) *Forerunners of Mammals: Radiation, Histology, Biology*. Indiana University Press.
1. **Huttenlocker, A. K.**, J. D. Pardo, and B. J. Small. 2005. An earliest Permian nonmarine vertebrate assemblage from the Eskridge Formation, Nebraska. Pp. 133–143 in S. G. Lucas and K. E. Ziegler (eds.) *The Nonmarine Permian: Bulletin of the New Mexico Museum of Natural History and Science* 30.

### Selected Conference Presentations

17. **Huttenlocker, A.**, J. Pardo, B. Small, and J. Anderson. 2011. Gaining underground: new recumbirostrans from the Lower Permian of Kansas and Nebraska and early morphological evolution of the group inferred by micro-CT. *Society of Vertebrate Paleontology 71st Annual Meeting, Las Vegas*.
16. Sidor, C., R. Smith, **A. Huttenlocker**, B. Peecook, and W. Hammer. 2011. New information on the Triassic vertebrate faunas of Antarctica. *Society of Vertebrate Paleontology 71st Annual Meeting, Las Vegas*.
15. Sigurdsen, T., **A. Huttenlocker**, S. Modesto, T. Rowe, and R. Damiani. 2011. Reassessment of the morphology and paleobiology of the theropcephalian *Tetracynodon darti* (Therapsida) based on CT-scanning, and the phylogenetic relationships of Baurioidea. *Society of Vertebrate Paleontology 71st Annual Meeting, Las Vegas*.
14. **Huttenlocker, A. K.**, J. Botha-Brink, and C. A. Sidor. 2010. Bone histology and growth in the Permo-Triassic theropcephalian *Moschorhinus kitchingi* (Synapsida: Therapsida) from the Karoo Basin of South Africa. *Society of Vertebrate Paleontology 70th Annual Meeting, Pittsburgh*.

13. **Huttenlocker, A. K.** and J. Botha-Brink. 2010. Preliminary report on the bone microstructure and paleobiology of the Permo-Triassic therocephalian *Moschorhinus* (Therapsida: Eutheriodontia) from South Africa. *Palaeontological Society of Southern Africa 16th Biennial Conference, Howick, KwaZulu-Natal*.
12. **Huttenlocker, A. K.** 2009. An earliest Triassic therocephalian (Therapsida: Eutheriodontia) with Permian affinities and a look at eutheriodont diversity through time: considering evolutionary rates in the problem of cynodont origins. *Society of Vertebrate Paleontology 69<sup>th</sup> Annual Meeting, Bristol, UK*.
11. **Huttenlocker, A. K.**, J. D. Pardo, B. J. Small, and A. Milner. 2009. Vertebrate responses to climate change across Central Pangea. *1<sup>st</sup> International Congress of North African Vertebrate Paleontology, Marrakech, Morocco*.
10. **Huttenlocker, A. K.**, J. D. Pardo, B. J. Small, and A. Milner. 2008. Biotic responses to climate change in the Permo-Carboniferous transition, Part 2: Beta diversity, regional responses, and Vaughn's faunal cline. *Society of Vertebrate Paleontology 68<sup>th</sup> Annual Meeting, Cleveland*.
9. Pardo, J. D., **A. K. Huttenlocker**, B. J. Small, and A. Milner. 2008. Biotic responses to climate change in the Permo-Carboniferous transition, Part 1: Vertebrate faunal distributions and regional provincialism. *Society of Vertebrate Paleontology 68<sup>th</sup> Annual Meeting, Cleveland*.
8. **Huttenlocker, A. K.**, and J. Marcot. 2007. The effects of phylogenetic augmentation on analyses of disparity: a case study on Permo-Triassic eutheriodonts (Amniota: Therapsida). *Geological Society of America Annual Meeting, Denver*.
7. **Huttenlocker, A. K.**, E. Rega, and S. Sumida. 2007. New histological investigations of hyperelongate neural spines in eupelycosaurs (Amniota: Synapsida) and the affinities of *Lupeosaurus kayi*. *Society of Vertebrate Paleontology 67<sup>th</sup> Annual Meeting, Austin*.
6. **Huttenlocker, A. K.** 2007. Recent insights into the evolution and development of 'mammal-like reptiles' (Amniota: Synapsida). *Western Interior Paleontological Society Founders Symposium, Golden*.
5. **Huttenlocker, A. K.**, J. Marcot, and D. Fox. 2006. New insights into therocephalian phylogeny (Amniota: Therapsida): a comparison of stratigraphy-free and stratocladistic methods. *Palaeontological Society of Southern Africa 14<sup>th</sup> Biennial Conference, Johannesburg*.
4. **Huttenlocker, A. K.**, K. Angielczyk, and A. Lee. 2006. Osteohistology of *Sphenacodon* (Synapsida: Sphenacodontidae) and the hidden diversity of growth patterns in basal synapsids. *Society of Vertebrate Paleontology 66<sup>th</sup> Annual Meeting, Ottawa*.
3. Small, B. J., J. D. Pardo, and **A. K. Huttenlocker**. 2006. Taxonomic diversity of estivating species in the lowest Permian of North America: onset of seasonality and comments on physiological plasticity. *Society of Vertebrate Paleontology 66<sup>th</sup> Annual Meeting, Ottawa*.
2. **Huttenlocker, A. K.**, J. Pardo, and B. J. Small. 2005. An earliest Permian nonmarine vertebrate assemblage from the Eskridge Formation (Council Grove Group), Nebraska. *New Mexico Museum of Natural History and Science Nonmarine Permian Symposium, Albuquerque*.

1. **Huttenlocker, A. K.** 2005. Survivorship of cynodonts and therocephalians (Therapsida: Eutheriodontia) across the Permo-Triassic extinction boundary in South Africa: an analysis of ghost lineages. *Western Interior Paleontological Society Founders Symposium, Golden.*

### **Invited Talks**

- 2012            Herring Lab Craniofacial Seminar, Winter Quarter 2012  
               ‘Bone histology and growth in the Permo-Triassic therocephalian *Moschorhinus kitchingi* (Therapsida) from South Africa’
- 2012            UW Paleolunch, Winter Quarter 2012  
               ‘Body Size and Growth Patterns in Therocephalians (Therapsida) After the End-Permian Extinction’
- 2011            UW Paleolunch, Winter Quarter 2011  
               ‘Vertebrate Paleontology of the Transantarctic Mountains’ (with Brandon Peecook)
- 2011            UW Biology Lab Seminar, Winter 2011  
               ‘From the Equator to the Pole’ (with Pat Lu-Irving)
- 2011            NSF Science Talks, Central-Transantarctic Mountains Camp (CTAM)  
               ‘When the World Nearly Died: The Permo-Triassic Boundary in South Africa and Antarctica’ (with Roger Smith)
- 2009            Northwest Paleontological Association  
               ‘The Vertebrate Fauna from the Lower Permian Eskridge Shale, Richardson County, Nebraska’
- 2007            Western Interior Paleontological Society Founders Symposium 2007  
               ‘Recent Insights into the Evolution and Development of ‘Mammal-like Reptiles’ (Amniota: Synapsida).’
- 2006            University of California, Berkeley, Department of Integrative and Comparative Biology  
               ‘The Vertebrate Fauna from the Lower Permian Eskridge Shale, Richardson County, Nebraska’

### **Teaching Appointments**

- 2012 (Spring) Teaching Assistant, Vertebrate Biology (BIOL 452), UW
- 2011 (Fall)    Teaching Assistant, Comparative Vertebrate Anatomy (BIO 453), UW
- 2011 (Spring) Teaching Assistant, Vertebrate Biology (BIOL 452), UW
- 2010 (Fall)    Teaching Assistant, Vertebrate Paleontology (BIOL 450), UW
- 2009 (Fall)    Teaching Assistant, Comparative Vertebrate Anatomy (BIO 453), UW
- 2008 (Fall)    Teaching Assistant, Comparative Vertebrate Anatomy (BIOL 453), UW
- 2005–2008    Teaching Associate, Human Anatomy and Physiology (BIOL 223) and introductory biology courses (BIOL 100, 200, 202), CSUSB

### **Invited Guest Lectures**

- 2012 (Spring) Evolution of Mammals & their Ancestors (BIOL 443), UW  
               ‘Basal synapsids and the origins of mammals’

- 2011 (Fall) Comparative Vertebrate Anatomy (BIO 453), UW  
‘Modern amphibian diversity and the origins of tetrapods’  
2011 (Spring) Evolution of Mammals & their Ancestors (BIOL 443), UW  
‘Basal synapsids and the origins of mammals’  
2010 (Fall) Vertebrate Paleontology (BIOL 450), UW  
‘Paleozoic tetrapod diversity’  
2010 (Spring) Evolution of Mammals & their Ancestors (BIOL 443), UW  
‘Basal synapsids and the origins of mammals’  
2009 (Fall) Comparative Vertebrate Anatomy (BIO 453), UW  
‘Modern amphibian diversity and the origins of tetrapods’  
2008 (Fall) Comparative Vertebrate Anatomy (BIOL 453), UW  
‘Modern amphibian diversity and the origins of tetrapods’  
2008 (Spring) Human Anatomy & Physiology (BIOL 223), CSUSB  
‘Structure and physiology of bone and the skeletal system’

### **Undergraduate Mentorship**

2012	Sarah Friedman	Museum preparation and curation of vertebrate fossils from Antarctica (UW)
2012	Jennifer Gardner	Lab training on preparation of histologic specimens from the Permian of Africa (UW)
2012	Jacqueline Lungmus	Lab training on preparation of histologic specimens from the Permian of Africa (UW)
2011	Jeff Benca	Collection of fern herbarium specimens from the Big Island of Hawai’i (UW, National Geographic)
2011	David Birlenbach	Museum preparation and curation of vertebrate fossils from the Permian of Nebraska (UW)
2010	Khai Button	Lab training on preparation of histologic specimens from the Triassic of Antarctica (UW)
2009	Jeff Benca	Geology field techniques and pollen collecting in the Permian of Nebraska (UW)
2009	Rachel Simon	Lab training on preparation of histologic specimens from the Permian of Africa (UW)
2009	Andrius Patsukonis	Lab training on preparation of histologic specimens from the Permian of Oklahoma (UW)

### **Museum Service and Outreach**

Museum Family Events: event staff, UW Burke Museum ‘Dino Day’ 2009, 2011; event staff, UW Burke Museum ‘Meet the Mammals’ 2009, 2010, 2011; event staff, UW Burke Museum ‘Behind the Scenes Night’ 2009, 2011, 2012

Interactive Classroom Activities: King County public school talks on Antarctic science, Winter 2011 (Armin Jahr Elementary School; Whittier Elementary; Einstein Elementary School; Cedar River Middle School; Issaquah High School)

Online Educational Resources: scientific contributor, Tree of Life Web Project (ToL), Eds. D. Maddison and W. Maddison, University of Arizona; ‘Object of the

Month' web content, CU Museum, University of Colorado, Boulder; 'Featured Research & Publications' web content, Burke Museum of Natural History, Seattle; 'Explore Your World' web content, Burke Museum of Natural History, Seattle

➤ Selected articles:

- [http://www.burkemuseum.org/explore/browse/paleontology\\_richardson\\_n\\_emaha\\_counties\\_nebraska](http://www.burkemuseum.org/explore/browse/paleontology_richardson_n_emaha_counties_nebraska)
- [http://www.burkemuseum.org/paleontology/publications\\_promoscho/](http://www.burkemuseum.org/paleontology/publications_promoscho/)

News & Related Media:

"UW Grad Student Shares Secrets of Ancient Antarctica." Issaquah Press. 20-March 2012.

<http://www.issaquahpress.com/2012/03/20/uw-grad-student-shares-the-secrets-of-ancient-antarctica/>

"Dawn of an Age: Early Triassic Fossils Provide Clues to the Rise of Mammals, Dinosaurs." *Antarctic Sun*. 15-April, 2011.

<http://antarcticsun.usap.gov/science/contenthandler.cfm?id=2404>

Science at FMNH, Episode 19: Antarctic Paleontology. 2011.

<http://fieldmuseum.org/explore/multimedia/science-fmnh-ep-19-antarctic-paleontology>

Science at FMNH, Episode 39: Digital Planet – Antarctica Showcase.

2011. <http://fieldmuseum.org/explore/multimedia/science-fmnh-ep-39-digital-planet-antarctica-showcase>

"Primitive Dinosaur Found in Antarctic Mountains." *Discovery News*. 18-February, 2011.

<http://news.discovery.com/dinosaurs/antarctica-dinosaurs-paleontology-110218.html>

"Field Museum Expedition Antarctica: Excavating Triassic Fossils in Antarctica – Antarctica Video Report #7." 3-February, 2011.

[http://www.youtube.com/watch?feature=player\\_embedded&v=PCp3sMvW1pU](http://www.youtube.com/watch?feature=player_embedded&v=PCp3sMvW1pU)

"Field Museum Expedition Antarctica: Happy Camper Survival Training – Antarctica Video Report #5." 18-December, 2010.

[http://www.youtube.com/watch?v=Kb8yWAFjYYk&feature=player\\_embedded](http://www.youtube.com/watch?v=Kb8yWAFjYYk&feature=player_embedded)

"Mammoth Fossils – Working to the Bone." *Coyote Chronicle, CSUSB* vol. 39, issue 8. 5-December, 2005

"Discovery of Prehistoric Bones Brings Excitement." *San Bernardino County Sun*. 2-December ,2005.