

## Student Research

Written by Andrew Farke

Friday, 13 November 2009 13:30 - Last Updated Wednesday, 16 May 2012 14:58

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For decades, high school students from [The Webb Schools](#) have been an important component of the Alf Museum's research program. Beginning with Ray Alf's leadership in the early days of the museum, and continuing today under the direction of Don Lofgren and Andy Farke, Webb students have conducted groundbreaking paleontological research, presented their work at national conferences, and published their findings in peer-reviewed publications.

### Alumni of the Webb/Alf Program

Some notable alumni who went on to careers in paleontology include:

- [Daniel Fisher](#)
- [Malcolm McKenna](#)
- [Dwight W. Taylor](#)
- [S. David Webb](#)

### Current Projects

Our students are currently studying:

- Proboscidean specimens from the Miocene-aged Barstow Formation of southern California
- Dinosaur eggshell, theropod teeth, and hadrosaurs from the Upper Cretaceous Kaiparowits Formation of southern Utah
- Fossil mammals from the North Horn Formation of Utah
- Taxonomic composition and taphonomy of Eocene mammals from the Renova Formation of Montana

### Student Publications

Current and former Webb students have co-authored numerous publications and abstracts over the years. Here's a sampling of some recent publications (student contributors in bold):

Farke, A. A., and **P. P. Patel**. In press. An enantiornithine bird from the Campanian Kaiparowits Formation of Utah, USA. *Cretaceous Research*. doi: 10.1016/j.cretres.2012.04.002 [ [direct link \(institutional access only\)](#) ]

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Lofgren, D. L., **A. Hess**, **D. Silver**, and **P. Liskanich**. 2012. Review of proboscideans from the Middle Miocene Barstow Formation of California, in Reynolds, R. E., *Searching for the Pliocene: Southern Exposures*: Fullerton, California State University Desert Studies Center, pp. 125-134. [ [link to PDF](#) ]

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**Zheng, R.**, A.A. Farke, and **G.-S. Kim**. 2011. A photographic atlas of the pes from a hadrosaurine hadrosaurid dinosaur. *PalArch's Journal of Vertebrate Palaeontology*

8(7):1-12. [ [link to abstract](#) ]

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Lofgren, D. L., and **R.S. Anand**. 2011. Partial skull of *Zygolophodon* (Mammalia, Proboscidea) from the Barstow Formation of California. *Journal of Vertebrate Paleontology* 31:1392-1396. [ [link to abstract](#) ]

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**Herrero, L.**, and A.A. Farke. 2010. Hadrosaurid dinosaur skin impressions from the Upper Cretaceous Kaiparowits Formation of southern Utah, USA. *PalArch's Journal of Vertebrate Palaeontology* 7(2):1-7. [ [link to abstract](#) ] [ [link to PDF](#) ]

Lofgren, D.L., and **R. Anand**. 2010. 75 years of fieldwork in the Barstow Formation by the Raymond M. Alf Museum of Paleontology; pp. 169-176 in R.E. Reynolds and D.M. Miller (eds.), *Overboard in the Mojave: 20 Million Years of Lakes and Wetlands*, Desert Studies Consortium:

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Fullerton, California.

Lofgren, D.L., **B.A. Silver**, **T.A. Hinkle**, and **F. Ali-Khan**. 2010. New marine sites from Member 4D of the Goler Formation of California; pp. 232-240 in R.E. Reynolds and D.M. Miller (eds.), *Overboard in the Mojave: 20 Million Years of Lakes and Wetlands*, Desert Studies Consortium, California State University.

Lofgren, D.L., J.G. Honey, M.C. McKenna, **R.L. Zondervan**, and **E.E. Smith**. 2008. Paleocene primates from the Goler Formation of the Mojave Desert in California. *Natural History Museum of Los Angeles County, Science Series* 41:11-28.