

**DAVID A. LEVERING**  
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**LIFE SCIENCE WEST**  
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**DAVID.LEVERING@OKSTATE.EDU**

**A. Education**

- i. B.S., University of Oregon Department of Geological Sciences, 2007
- ii. M.S. Student, Oklahoma State University Department of Zoology (degree in progress).

**B. Professional Experience**

- i. Post-baccalaureate researcher, Hopkins Lab, University of Oregon  
Department of Geological Sciences 2007-2009
  1. Preparation of specimens
  2. Assistance in outreach programming
  3. Data entry/curatorial work
  4. Collaborative research (Dr. Samantha Hopkins, Dr. Edward Davis)
  5. Field work in Juntura Basin, Summer 2008
    - a. Specimen collection
    - b. Field site description and analysis
- ii. Senior Thesis, defended spring 2007. Getting a leg up on the competition: deciphering the differences and similarities of limb proportionality in Oligocene and Modern Mammals
  1. Performed write-up, oral defense

**C. Teaching experience**

- i. Lecture facilitator, Honors Biology 1114, Oklahoma State University (present)
  1. Assist with lecture presentations
  2. Interact with students during in-class exercises.
- ii. TA, Biology 1114 Lab, Oklahoma State University (present).
  1. Facilitate student progress through lab exercises.
  2. Grading lab work.
- iii. Teaching assistant, Johns Hopkins University Center for Talented Youth, Dynamic Earth course (2009)
  1. Assisted in classroom instruction, lesson planning and student management.
- iv. Technical Advisor, Winston Churchill High School (2008-2009)
  1. Advisor to local high school student Amy Atwater's honors project
  2. Project focused on analysis of Orodont dentition, Bergmann's Rule

- v. **Instructor, Oregon Museum of Science and Industry Outdoor Science Camps Summer 2006**
  - 1. **Coordinated a team of 8 high school students for 3 weeks in the John Day region of Eastern Oregon (Paleontology Research Team)**
  - 2. **Wrote and executed curriculum on vertebrate paleontology, paleobotany, field geology, paleoecology, climate change, osteology, evolutionary biology and science writing.**
  - 3. **Worked with both private land owners and federal agencies (NPS, BLM) to access field sites**
- vi. **Lab assistant, Department of Geological Sciences, Spring 2004, 2006**
  - 1. **Assist GTF in lab, answering questions and setting up materials**
- vii. **Counselor, Oregon Museum of Science and Industry Outdoor Science Camps, Summer 2003-2005**
  - 1. **Assisting instructor in field lessons**

**D. Awards**

- i. **2010 Society of Vertebrate Paleontology Field Conference Scholarship**
- ii. **2009 Society of Vertebrate Paleontology Jackson School of Geosciences Student Travel Grant**

**E. Professional Societies**

- i. **Society of Vertebrate Paleontology**

**F. Publications (Manuscripts)**

- i. **Levering, D., Hopkins, S. (in progress). Analysis of locomotor ecology of North American Artiodactyla and Perissodactyla across the Oligocene and Miocene.**

**G. Presentations (Including published abstracts)**

- i. **Emery, M., Levering, D., Famoso, N.A., Atwater, A., (2010), The Oregon Museum of Science and Industry Paleontology Research Team: 60 years of fieldwork and classroom Education in Macroevolution an Climate Change. Society of Vertebrate Paleontology Annual Meeting Abstract: Education and Outreach Session.**
- ii. **Orcutt, J.D., Levering, D., Davis, E.B., (2009) Evolution of locomotion and predation in saber-toothed cats. Society for Integrative & Comparative Biology Annual Meeting**
- iii. **Levering, D., Orcutt, J., Davis, E.B., (2009) Locomotor ecology of Machairodus coloradensis. Journal of Vertebrate Paleontology, 2009 Annual Meeting Supplement. Vol. 29, Iss. 3 (supplement), Pp. 134A**
- iv. **Atwater, Amy L., Davis, Edward Byrd, and Levering, David. (2009) No Oreodont body size change in response to climatic change between the Oligocene and Miocene of the John Day basin. Geological Society of America Annual Meeting Circular.**
- v. **Levering, D., Hopkins, S. 2008. Locomotor ecology and community structure of predator/prey relations in Oligocene and Recent large mammals. Journal of Vertebrate Paleontology. Vol. 28, Iss. 3 (supplement), Pp. 105A**

- vi. Levering, David. 2007. Getting a leg up on the competition: Deciphering the differences and similarities of limb proportionality in Oligocene and modern mammals, *Journal of Vertebrate Paleontology*, Vol. 27, Iss. 3 (supplement), Pp: 105A
- vii. Levering, D. 2006. Determining cursoriality of mid-Tertiary mammals through distal/proximal limb bone ratios. *Journal of Vertebrate Paleontology*. Vol. 26, Iss. 3 (supplement), Pp. 89A
- viii. Levering, David. 2006. Limb ratios and cursoriality of Oligocene mammals. *Oregon Academy of Science 64th Annual Meeting Circular*. Pp. 16