

Biographical sketch

Peter D. Smits

Committee on Evolutionary Biology, University of Chicago

Professional preparation

University of Washington	Biology (Ecology and Evolution)	B.S. 2010
Monash University	Biological Sciences	M.Sc. 2012
University of Chicago	Evolutionary Biology	Ph.D. 2017 (expected)

Appointments

September 2012–present, Ph.D Candidate, Committee on Evolutionary Biology, University of Chicago.

July 2010–August 2010, Lab Assistant, Vertebrate Paleontology, Burke Museum of Natural History, University of Washington.

July 2009–August 2009, REU Intern, Mammalogy, American Museum of Natural History.

September 2006–September 2008, Lab and Field Assistant, Mammalogy, Burke Museum of Natural History and Culture, University of Washington.

Products

Related publications

- Gregory P Wilson, Alistair R Evans, Ian J Corfe, Peter D Smits, Mikael Fortelius, and Jukka Jernvall. Adaptive radiation of multituberculate mammals before the extinction of dinosaurs. *Nature*, 483:457–460, 2012. doi: 10.1038/nature10880. URL <http://www.nature.com/nature/journal/vaop/>

Unrelated publications

- Liliana M. Davalos, Paul M Velazco, Omar M Warsi, Peter D Smits, and Nancy B Simmons. Integrating Incomplete Fossils by Isolating Conflicting Signal in Saturated and Non-Independent Morphological Characters. *Systematic Biology*, 2014. doi: 10.1093/sysbio/syu022.
- Christopher W Walmsley, Peter D Smits, Michelle R Quayle, Matthew R McCurry, Heather S Richards, Christopher C. Oldfield, Stephen Wroe, Phillip D Clausen, and Colin R McHenry. Why the fong face? The mechanics of mandibular symphysis proportions in crocodiles. *PLoS ONE*, 8(1):e53873, January 2013. ISSN 1932-6203. doi: 10.1371/journal.pone.0053873. URL <http://dx.plos.org/10.1371/journal.pone.0053873>.

- Peter D Smits and Alistair R Evans. Functional constraints on tooth morphology in carnivorous mammals. *BMC Evolutionary Biology*, 12(1):146, August 2012. ISSN 1471-2148. doi: 10.1186/1471-2148-12-146. URL <http://www.ncbi.nlm.nih.gov/pubmed/22899809>.

Synergistic activities

Reviewer for *Systematic Biology*, *PLOS One*.

Member of student mental health panel GSMAB, University of Chicago, 2014–present.

Volunteer instructor for peer led programming class, University of Chicago, 2012–2013.

Volunteer expert at “Dino-Day” at the Burke Museum of Natural History and Culture, 2010.

Volunteer expert at “Meet the Mammals” at the Burke Museum of Natural History and Culture, 2007, 2008, 2009.

Collaborators and other affiliations

Collaborators and co-editors

Philip D. Clausen (University of Newcastle), Liliana M. Davalos (Stony Brook University), Alistair R. Evans (Monash University), Richard H. Madden (University of Chicago), Matthew R. McCurry (Monash University), Colin R. McHenry (Monash University), Christopher C. Oldfield (University of Newcastle), P. David Polly (University of Indiana–Bloomington), Michelle R. Quayle (Monash University), Richard H. Ree (Field Museum of Natural History), Heather S. Richards (University of Newcastle), Nancy B. Simmons (American Museum of Natural History), Christopher W. Wamsley (Monash University), Omar M. Warsi (Stony Brook University), Stephen Wroe (University of New England), Paul M. Velazco (American Museum of Natural History).

Graduate advisors and postdoctoral sponsors

Kenneth D. Angielczyk (Field Museum of Natural History), Michael J. Foote (University of Chicago).