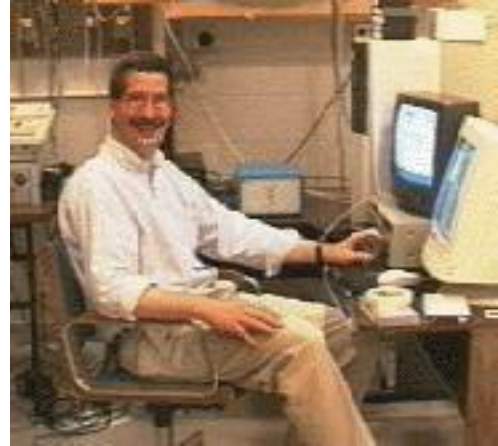


Daniel O. Schmitt, Associate Professor, Biological Anthropology & Anatomy and Internal Scientific Advisory Committee



Contact Info:

246 Sands Building
daniel.schmitt@duke.edu

Education:

- PhD, State University of New York at Stony Brook, 1995
- MS, State University of New York at Stony Brook, 1995
- BS, Yale University, 1987

Research Interests:

My primary interest is in the evolution of primate locomotion. I am studying the mechanics of movement in primates and other vertebrates in the laboratory to understand the relationship between movement and postcranial morphology, and the unique nature of primates among other mammals. Current projects include the origins of locomotion and the evolution of vertebrate bipedalism. Click [here](#) to enter the Animal Locomotion Laboratory web site to learn more.

[Curriculum Vitae](#)

Recent Publications ([More Publications](#))

1. TL Kivell, D Schmitt. "Independent evolution of knuckle-walking in African apes shows that humans did not evolve from a knuckle-walking ancestor.." *Proceedings of the National Academy of Sciences of the United States of America, United States* 106.34 (August, 2009): 14241-6. [[abs](#)]
2. TJ Somers, FJ Keefe, JJ Pells, KE Dixon, SJ Waters, PA Riordan, JA Blumenthal, DC McKee, L LaCaille, JM Tucker, D Schmitt, DS Caldwell, VB Kraus, EL Sims, RA Shelby, JR Rice. "Pain catastrophizing and pain-related fear in osteoarthritis patients: relationships to pain and disability.." *Journal of pain and symptom management, United States* 37.5 (May, 2009): 863-72. [[abs](#)]
3. JJ Pells, RA Shelby, FJ Keefe, KE Dixon, JA Blumenthal, L Lacaille, JM Tucker, D Schmitt, DS Caldwell, VB Kraus. "Arthritis self-efficacy and self-efficacy for resisting eating: relationships to pain, disability, and eating behavior in overweight and obese individuals with osteoarthritic knee pain.." *Pain, Netherlands* 136.3 (June, 2008): 340-7. [[abs](#)]

4. JB Hanna, D Schmitt, TM Griffin. "The energetic cost of climbing in primates.." *Science (New York, N.Y.), United States* 320.5878 (May, 2008): 898. [\[abs\]](#)
5. M Cartmill, P Lemelin, D Schmitt. "Understanding the adaptive value of diagonal-sequence gaits in primates: a comment on Shapiro and Raichlen, 2005.." *American journal of physical anthropology, United States* 133.2 (June, 2007): 822-5; discussion 825-7.