

Steven Jinks, M.S., Ph.D.

Clinical Interests	Dr. Jinks' laboratory is funded by the NIH and the Department of Anesthesiology and Pain Medicine. His research interests include sites and mechanisms of general anesthetics, pain mechanisms and treatments, and basic spinal cord/brainstem neurophysiology relating to nociceptive sensorimotor and locomotor function. Dr. Jinks' laboratory investigates these processes using <i>in vivo</i> electrophysiology in rodents as well as <i>in vitro</i> neonatal rodent and lamprey cord preparations.
Title	Adjunct Assistant Professor
Department	Anesthesiology
Division	General Anesthesiology
Education	M.S., UC Davis, Davis, California, 1998 Ph.D., UC Davis, Davis, California, 2001 B.S., University of Rhode Island, Kingston, Rhode Island, 1994
Professional Memberships	American Association for the Advancement of Science Association of American Anesthesiologists Association of University Anesthesiologists International Association for the Study of Pain Society for Neuroscience
Honors and Awards	Loren D. Carlson Dissertation Prize in Physiology, University of California, Davis, 2001 Alpha Award for Undergraduate Research, University of Rhode Island, 1995
Select Recent Publications	Inceoglu B, Wagner K, Schebb NH, Morisseau C, Jinks SL, Ulu A, Hegedus C, Rose T, Brosnan R, Hammock BD. Analgesia mediated by soluble epoxide hydrolase inhibitors is dependent on cAMP. <i>Proc Natl Acad Sci U S A</i> . 2011 Mar 22;108(12):5093-7. Epub 2011 Mar 7. Jinks SL, Andrada J, Satter O. Anesthetic effects on fictive locomotion in the rat isolated spinal cord. <i>Neuroreport</i> . 2011 Sep 14;22(13):655-9. Jinks SL, Andrada J. Validation and insights of anesthetic action in an early vertebrate network: the isolated lamprey spinal cord. <i>Anesth Analg</i> . 2011 Nov;113(5):1033-42. Epub 2011 Jul 25. Carstens EE, Carstens MI, Simons CT, Jinks SL. Dorsal horn neurons expressing NK-1 receptors mediate scratching in rats. <i>Neuroreport</i> . 2010 Mar 10;21(4):303-8. Jinks SL, Bravo M, Satter O, Chan YM. Brainstem regions affecting minimum alveolar concentration and movement pattern during isoflurane anesthesia. <i>Anesthesiology</i> . 2010 Feb;112(2):316-24.

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