



Adam Nekimken

Ph.D. Student in Mechanical Engineering, admitted Summer 2015

Research & Scholarship

LAB AFFILIATIONS

- Miriam Goodman, WormSense (7/6/2015)
- Beth Pruitt, Microsystems (1/6/2014)

Publications

PUBLICATIONS

- **Characterization of DEGT-1: A DEG/ENaC/ASIC Ion Channel Subunit Involved in Touch Sensation**
Fechner, S., Loizeau, F., Nekimken, A. L., D'Alessandro, I., Pruitt, B. L., Goodman, M. B.
CELL PRESS.2018: 157A
- **Using a Microfluidics Device for Mechanical Stimulation and High Resolution Imaging of *C. elegans*** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*
Fehlauer, H., Nekimken, A. L., Kim, A. A., Pruitt, B. L., Goodman, M. B., Krieg, M.
2018
- **Microfluidics for mechanobiology of model organisms.** *Methods in cell biology*
Kim, A. A., Nekimken, A. L., Fechner, S., O'Brien, L. E., Pruitt, B. L.
2018; 146: 217–59
- **Forces applied during classical touch assays for *Caenorhabditis elegans*** *PLOS ONE*
Nekimken, A. L., Mazzochette, E. A., Goodman, M. B., Pruitt, B. L.
2017; 12 (5)
- **Pneumatic stimulation of *C. elegans* mechanoreceptor neurons in a microfluidic trap.** *Lab on a chip*
Nekimken, A. L., Fehlauer, H., Kim, A. A., Manosalvas-Kjono, S. N., Ladpli, P., Memon, F., Gopisetty, D., Sanchez, V., Goodman, M. B., Pruitt, B. L., Krieg, M.
2017
- **Physical, structural, and dehydrogenation properties of ammonia borane in ionic liquids** *RSC ADVANCES*
Nakagawa, T., Burrell, A. K., Del Sesto, R. E., Janicke, M. T., Nekimken, A. L., Purdy, G. M., Paik, B., Zhong, R., Semelsberger, T. A., Davis, B. L.
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