

Curriculum Vitae
Todd R. Gruninger
Brookhaven College, 3939 Valley View Lane, Farmers Branch, TX 75244
trg2460@dcccd.edu

EDUCATION

Texas A&M University, College Station, TX
Ph. D in Genetics

Dissertation: *Cellular and Molecular Mechanisms Driving the Choice between Feeding and Mating in the Nematode, C. elegans.*

Texas A&M University, College Station, TX
B.S. Biomedical Science

TEACHING EXPERIENCE

Texas A&M University 2003-2007
Graduate Teaching Assistant – Genetics

Jesuit College Preparatory School 2008-Present
Biology, Pre-AP Biology, AP Biology, Genetics, Marine Biology, Behavioral Ecology, and Chemistry

PERSONAL AWARDS

- Michael Grimshaw Family Award 2018
- Cecil Green Faculty Award 2013
- Genomics Education Matching Fund (GEMF) Program 2012
- 2nd Place Poster Competition (out of ~1,000) 2007
16th International C. elegans Meeting Poster Competition
- Distinguished Student (Texas A&M University) 2004

PUBLICATIONS

Correa, P, Gruninger T.R., Garcia, L.R., 2015. DOP-2 D2-like receptor regulates UNC-7 innexins to attenuate recurrent sensory motor neurons during *C. elegans* copulation. *Journal of Neuroscience* 2015 35(27)

LeBoeuf B.*, Gruninger T.R.*, (*Co-first authors) and Garcia L.R., 2007. Food Deprivation Attenuates Seizures through CaMKII and EAG K⁺ Channels. *PLoS Genetics* 3(9):e156

Gruninger T.R., LeBoeuf B., Liu Y., and Garcia L.R. 2007. Molecular Signaling Involved in Regulating Feeding and Other Motivated Behaviors. *Molecular Neurobiology* 35(1): 1-20. (Invited Review)

Reiner D.J., Weinschenker D., Tian H., Thomas J.H., Nishiwaki K., Miwa J., Gruninger T., Leboeuf B., and Garcia L.R. 2006. Behavioral genetics of *Caenorhabditis elegans unc-103*-encoded erg-like K(+) channel. *Journal of Neurogenetics*. (1-2):41-66

Gruninger T.R., Gualberto D.G., LeBoeuf B., and Garcia L.R. 2006. Integration of male mating and feeding behaviors in *Caenorhabditis elegans*. *Journal of Neuroscience* 26: 169-179.

Zhang W., McIntosh A.L., Xu H., Wu D., Gruninger T., Atshaves B., Liu J.C., and Schroeder F. 2004. Structural Analysis of Sterol Distributions in the Plasma Membrane of Living Cells. *Biochemistry* 44(8): 2864-2884.