

Curriculum Vitae

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Education

1996-2002	Ph.D. in Microbiology and Molecular Genetics, University of Texas-Houston Health Science Center
1993-1995	B.S. in Biochemistry w/ Honors, Oakland University in Rochester, MI
1991-1993	Chemistry Major-no degree, Delta College in University Center, MI

Teaching Experience

2013 - present <i>Assistant Professor- Biology</i>	College of the Mainland	Texas City, TX
2005-2013 <i>Adjunct Faculty</i>	DeVry University	Houston, TX
2000 <i>Teaching Assistant</i>	University of Houston-Downtown	Houston, TX
1998 <i>Teaching Assistant</i>	University of Texas-Houston Health Science Center	Houston, TX

Significant Publications

Jennifer A. Bieszke, Liande, Li, and Katherine A. Borkovich, "The fungal opsin gene nop-1 is negatively-regulated by a component of the blue light sensing pathway and influences conidiation-specific gene expression in *Neurospora crassa*," *Curr Genet.* (2007) 52:149-57.

Qi Yang, Jennifer A. Bieszke, and Katherine A. Borkovich, "Differential -alpha/beta protein genes." *Mol Gen Genet.* (2000) 263:712-21.

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Jennifer A. Bieszke, Elena N. Spudich, Kenneth, L. Scott, Katherine A. Borkovich and John L. Spudich, "A eukaryotic protein, NOP-1, binds retinal to form an archaeal rhodopsin-like photochemically reactive pigment," *Biochemistry* (1999) 38:14138-45.

Jennifer A. Bieszke, Edward, L. Braun, Laura E.Bean, Seogchan Kang, Donald O. Natvig, and Katherine A. Borkovich, "The nop-1 gene of *Neurospora crassa* encodes a seven transmembrane helix retinal-binding protein homologous to archaeal rhodopsins," *Proc. Natl. Acad. Sci. USA* (1999) 96:8034