

**SCHOLARLY PRODUCTS 2007**  
**ND INBRE P20RR016471-07**

**POSTERS (undergraduates are underlined)**

**Minot State University**

Bobylev MM, Keller BD. Microwave-assisted synthesis of -vanillylformamide.  
Proceedings of the ND Academy of Science, 2007.

Olander AL, Lepp CA, Super HJ. DNA cleavage in vitro by DNA topoisomerase II in the AF4 translocation breakpoint region.  
Proceedings of the ND Academy of Science, 2007.

Poitra M, Cabarle KC, Blackhawk DK, Henry D, Entzel J, Beachy CK. Life history of the tiger salamander in northwest North Dakota.  
Proceedings of the ND Academy of Science, 2007.

Seil JE, Grundstad ML, Keller CP. Disruption of bean root cell membrane potentials by hydroquinone.  
Proceedings of the ND Academy of Science, 2007.

**Valley City State University**

Gienger HM, Blunck BM, van Gijssel HE. Effect of chlorophenoxy herbicide on development and growth of *Drosophila melanogaster* during multigenerational exposure.  
Proceedings of the ND Academy of Science, 2007.

Jorde EL, Blunck BM, van Gijssel HE. Effect of 2,4-dichlorophenoxyacetic acid on cell proliferation of human lung fibroblasts.  
Proceedings of the ND Academy of Science, 2007.

Ost TJ, DeLorme AW. Endocrine disrupting effects of atrazine on the *Drosophila melanogaster*.  
Proceedings of the ND Academy of Science, 2007.

Stack R, DeLorme AW. Testing the effects of atrazine on the flat-headed mayfly.  
Proceedings of the ND Academy of Science, 2007.

Tompkins TJ, DeLorme AW. Population analysis of unionid bivalves in the Sheyenne river.  
Proceedings of the ND Academy of Science, 2007.

**Dickinson State University**

Sticka S, Seekins J, Greff T, Rice E, McLam J, Wolf W, Burgess L. The effect of lycopene on the expression of connexin mRNAs and proteins.  
Proceedings of the ND Academy of Science, 2007.

### **Mayville State University**

Hovde JR, Gonnella TP, Picklo MJ, Hossain KG. An initial study of the influence of magnesium ion on the fluorescence lifetime of NADH bound to ALDH2. Proceedings of the ND Academy of Science, 2007.

### **Turtle Mountain Community College**

None

### **Cankdeska Cikana Community College**

None

### **North Dakota State University**

None

### **University of North Dakota**

Goldenstein BL, Xu K, Green KM, Pribula JA, O'Brien JJ, Davis KL, Boese SJ, Lichter JA, Nelson BW, Austreim MN, Porter JE, Doze VA. Alpha-2 adrenergic receptor inhibition of hippocampal CA3 network activity. Proceedings of the ND Academy of Science, 2007.

Nelson BW, Davis KL, Xu K, O'Brien JJ, Pribula JA, Boese SJ, Lichter JA, Goldenstein BL, Jurgens CWD, Austreim MN, Porter JE, Doze VA. Alpha-2A adrenergic receptor activation inhibits epileptiform burst discharges in the rat hippocampal CA3 region. Proceedings of the ND Academy of Science, 2007.

Xu K, Jurgens CWD, Hillman KL, Porter JE, Doze VA. Characterization of adrenergic receptor subtypes in rat hippocampal neurons using real-time single cell RT-PCR. Proceedings of the ND Academy of Science, 2007.