

SCHOLARLY PRODUCTS 2006
ND INBRE P20RR016471-06

POSTERS (undergraduates are underlined)

Minot State University

Provencher B, Bobylev MM, Bobylev LI, Watts AC, Black CL, Dion C. The problem of high pressure in microwave assisted synthesis of novel formamide fungicides. Proceedings of the ND Academy of Science, 2006.

Ouedraogo KC, Beachy CK. Cranial development in a miniaturized form of the salamander *Desmognathus quadramaculatus*: role of temperature and thyroid hormone. Proceedings of the ND Academy of Science, 2006.

Henry FD, Beachy CK. Does size really matter? The effects of atrazine and competition on growth in the salamander *Ambystoma mexicanum*. Proceedings of the ND Academy of Science, 2006.

Mueller SM, Watson V, Lepp C, Pankratz B, Super H. Does DNA topoisomerase II bind in the MLL translocation breakpoint cluster region. Proceedings of the ND Academy of Science, 2006.

Grundstad ML, Keller CP. Leaf attachment appears required for inhibition of leaf expansion in *arabidopsis* by the plant hormone indole-3-acetic acid. Proceedings of the ND Academy of Science, 2006.

Schwan MM, Bobylev MM. Establishing inhibitory concentrations of novel formamide fungicides on fungi pertinent to medicine and agriculture. Proceedings of the ND Academy of Science, 2006.

Cabarle KC, Beachy CK. Description and development of two amphibian drift fence sites and a long term quantitative amphibian study in McLean and Ward County North Dakota. Joint annual meeting of Ichthyologists and Herpetologists, 2006.

Richter J, Martin L, and Beachy CK. Variation in metamorphic timing can be induced by variation in density without difference in growth rate in the frog, *Rana utricularia*. Joint annual meeting of Ichthyologists and Herpetologists, 2006.

Cabarle KC, Lepp P, Beachy CK. Genetic analysis of tiger salamanders, *Ambystoma tigrinum*, from north Dakota: an assessment of subspecies differentiation. 4th Annual Northern Plains Biological Symposium, 2007.

Grundstad ML, Keller CP. Inhibition of leaf expansion by indole-3-acetic acid appears to require leaf attachment. National IDEA Symposium of Biomedical Research Excellence (NISBRE), 1st Biennial, 2006.

Grunstad M, Keller CP. Auxin and Control of Leaf Expansion.
National IDeA Symposium of Biomedical Research Excellence (NISBRE), 1st Biennial, 2006.

Henry FD, Beachy CK. Does size really matter? The effects of atrazine and competition on growth in the salamander (the axolotl, *Ambystoma mexicanum*).
National IDeA Symposium of Biomedical Research Excellence (NISBRE), 1st Biennial, 2006.
Joint annual meeting of Ichthyologists and Herpetologists, 2006.

Bobylev MM, Bobyleva LI, Watts AC, Black CL, Provencher B, Dion C. Sources of High Pressure in Microwave Assisted Synthesis of Novel Formamide Fungicides.
1st Biennial National IDeA (Institutional Development Award) Symposium of Biomedical Research Excellence (NISBRE), 2006.
40th International Microwave Symposium, 2006.

Page RB, Monaghan JR, Samuels AK, Smith JJ, Beachy CK, and Voss SR. Microarray analysis identifies keratin loci as sensitive biomarkers for thyroid hormone disruption in salamanders (*Ambystoma*).
Joint annual meeting of Ichthyologists and Herpetologists, 2006.
1st Biennial National IDeA Symposium on Biomedical Research Excellence. NIH, 2006.

Schwan MM, Bobylev M. Establishing inhibitory concentrations of novel formamide fungicides on fungi pertinent in medicine and agriculture.
Northwest Regional Undergraduate Affiliate Network Meeting of ASBMB Meeting, 2nd Annual, 2006.
National Meeting of the American Society for Biochemistry and Molecular Biology, 2007.

Mazurek S, Keller C. Comparison of desiccant timing and harvest method in canola.
North Central Society of Weed Science, 62nd Annual Meeting, 2006.

Beachy CK, Ryan TJ. How lunglessness and metamorphic endocrinology inform a view of plethodontid life history evolution.
Fifth Conference on the Biology of Plethodontid Salamanders, 2007.

Valley City State University

Nettleton PA, Dorsam S, van Gijssel HE. Effect of chlorophenoxy herbicides on FGF expression during embryonic development of *Drosophila melanogaster*.
Proceedings of the ND Academy of Science, 2006.

Axtman MJ, Khandelwal A, van Gijssel HE. Computer modeling of herbicides in fibroblast growth factor receptors.
Proceedings of the ND Academy of Science, 2006.

Lorenz R, DeLorme A. The presence of atrazine in rivers and streams in southeast North Dakota.
Proceedings of the ND Academy of Science, 2006.

Caylor R, Blunck B, van Gijssel HE. Effect of chlorophenoxy herbicides on the tracheal development of *Drosophila melanogaster*.
Proceedings of the ND Academy of Science, 2006.

Ost T, DeLorme A. Low Dosages Effects of Atrazine on the Developmental Stages of the Fruit Fly, *Drosophila melanogaster*.
American Society for Biochemistry and Molecular Biology (ASBMB), 2006.

Axtman M, van Gijssel HE. Computer Modeling of Herbicides in Fibroblast Growth Factor Receptors.
Environmental Mutagen Society (EMS), 2007.

Anton DJ, Khandelwal A, van Gijssel HE. Determining binding of 2,4-Dichlorophenoxyacetic acid to the Fibroblast Growth Factor Receptor 2b.
Drosophila Research Conference, 47th Annual, 2007.

Dickinson State University

Rowley N, Burgess L. Angiogenic growth factor expression and the culture and characterization of capillary endothelial cells from equine exuberant granulation tissue.
Proceedings of the ND Academy of Science, 2006.

Seekins J, Burgess L. The effects of lycopene on the cell proliferation and expression of connexin proteins.
Proceedings of the ND Academy of Science, 2006.

Seekins JR, Rice JL, Burgess LC. The effect of lycopene on the expression of connexin mRNAs by QPCR.
American Society for Biochemistry and Molecular Biology (ASBMB), 2006.

Sticka SJ, Rice JL, Zachmann SR, Burgess LC. The effects of lycopene on the cell proliferation and expression of connexin mRNAs of normal and cancerous cells.
National IDeA Symposium of Biomedical Research Excellence (NISBRE), 1st Biennial, 2006.

Mayville State University

Gallagher M, Gonnella TP, Hossain K. Application of fluorescent probe lifetimes to improve RT-PCR and SNP detection methodologies.
Proceedings of the ND Academy of Science, 2006.

Anderson EL, Miklas P, Dudwadkar GP, Gonnella T, Hossain K. Disease Resistance Gene Homologs in Common Bean .
Regional ASBME Meeting, 2006.

Dudwadkar GP, Gonnella TP, Hossain KG.
Functional Disease Resistance Gene Markers in Common Bean.

1st Biennial NISBRE conference, 2006.

Parisien K, Gonnella T, Hossain K. Detection of Single Nucleotide Polymorphisms (SNPs) Through the Application of Fluorescent Lifetime Probes.
National IDeA Symposium of Biomedical Research Excellence (NISBRE), 1st Biennial, 2006.

Anderson EL, Schmidt K, Talukder Z, Miklas P, Hossain K. Genetic Diversity and Selection of Common Bean Genotypes for Mapping Mineral Content Genes.
National IDeA Symposium of Biomedical Research Excellence (NISBRE), 1st Biennial 2006.

Malaterre J, Gonnella T, Hossain K. Detection of Single Nucleotide Polymorphisms (SNPs) Through the Application of Fluorescent Lifetime Probes.
American Society for Biochemistry and Molecular Biology (ASBMB), 2006.

Turtle Mountain Community College

None

Cankdeska Cikana Community College

None

North Dakota State University

None

University of North Dakota

Lichter JA, Jurgens CW, Boese SJ, King JD, Nelson BW, Davis KL, Goldenstein BL, Graywater K, Lawrence E, Porter JE, Doze VA. Alpha-2A adrenergic receptor-mediated inhibition of rat hippocampal epileptiform activity.
Proceedings of the ND Academy of Science, 2006.