

NDSU

Graduate Research & Arts Forum

Sponsored by the
NDSU Graduate Student Association

April 29th, 2009 2:00-4:00 p.m.
Hidatsa Room, NDSU Memorial Union

- Poster No. **Abstract title/** Authors (* presenting)/ *Department*
- 1 **Fluctuations in the length of growing season in North Dakota.** A. Bahh*¹, A. Akyuz¹, G. Vocke², and B. Mullins¹, ¹*Department of Natural Resources Management, NDSU*; ²*USDA, Washington*
 - 2 **Baseline sensitivity of *Fusarium* species isolates from Red River Valley to metconazole, triticonazole and thiabendazole.** P. Burlakoti*, V. Rivera-Varas, R. Burlakoti, R. Nelson, T. Adhikari, G. Secor, and M. Khan, *Department of Plant Pathology, NDSU*
 - 3 **Identification of *Fusarium* spp. causing yellows of sugarbeet.** P. Burlakoti*, V. Rivera, R. Nelson, G. Secor, and M. Khan, *Department of Plant Pathology, NDSU*
 - 4 **Development of GAC-iron adsorbent for arsenic removal.** Q. Chang* and W. Lin, *Department of Civil Engineering, NDSU*
 - 5 **Competitive studies on parasitic fitness using blended soil infestations of mefenoxam-sensitive and mefenoxam-resistant *Phytophthora erythroseptica* isolates under fungicide selection pressure.** V. Chapara*, R. Taylor, J. Pasche, G. Secor, and N. Gudmestad, *Department of Plant Pathology, NDSU*
 - 6 **Neural synchrony as a mechanism for scene segmentation and perceptual grouping.** A. Clarke* and S. Rainville, *Department of Psychology, NDSU*
 - 7 ***Fusarium* and *Rhizoctonia* species associated with root rots of dry beans in North Dakota and Minnesota.** A. Gambhir*, R. Lamppa, J. Rasmussen, and R. Goswami, *Department of Plant Pathology, NDSU*
 - 8 **The role of B cells in asthma.** S. Ghosh*, S. Hoselton, and J. Schuh, *Department of Veterinary and Microbiological Sciences, NDSU*
 - 9 **The prevalence of foodborne illness and food safety risks among international college students.** A. Lyonga* and M. Eighmy, *School of Education, NDSU*
 - 10 **Investigation gene duplication events in legumes using EST sequence data.** S. Mamidi*^{1,2}, R. Lee^{1,2}, J. Terpstra³, M. Lavin⁴, J. Schlueter⁵, R. Shoemaker⁶, P. McClean^{1,2}, ¹*Department of Plant Sciences, NDSU*; ²*Genomics and Bioinformatics Program, NDSU*; ³*Department of Statistics, NDSU*; ⁴*Department of Plant Sciences and Plant Pathology, Montana*

State University; ⁵Department of Agronomy, Purdue University; ⁶USDA-ARS, Iowa State University

11 **The NDSU GraSUS II Program.** L. Merchant* and W. Shreve. *Department of Mathematics, NDSU*

12 **Effects of nutritional plane and selenium supply during gestation on ewe performance, body composition, and offspring body weight.** A. Meyer*¹, J. Reed¹, D. Newman¹, J. Taylor², L. Reynolds¹, D. Redmer¹, K. Vonnahme¹, and J. Caton¹, ¹*Center for Nutrition and Pregnancy and Department of Animal Sciences, NDSU*; ²*USDA-ARS, U.S. Sheep Experiment Station*

13 **Does Dysregulation of body water lead to the genesis of cancer?** A. Miller and B. Strand, *Department of Health, Nutrition, and Exercise Sciences, NDSU*

14 **Soybean cyst nematode reproduction on navy, kidney, and black bean.** S. Poromarto and B. Nelson, *Department of Plant Pathology, NDSU*

15 **Identification and quantification of free radicals generated *in vitro* by 15-LOX catalyzed peroxidation of docosapentaenoic acid using LC/ESR, and LC/MS combination technique.** P. Purwaha, Q. Yu, and S. Quia, *Department of Pharmaceutical Sciences, NDSU*

16 **Vasoactive intestinal peptide may perform an immunomodulatory role in allergic asthma.** A. Samarasinghe, S. Hoselton, and J. Schuh, *Department of Veterinary and Microbiological Sciences, NDSU*

17 **Does fungal viability influence the immune response in allergic asthma?** S. Sumali, S. Hoselton, and J. Schuh, *Department of Veterinary and Microbiological Sciences, NDSU*