

SCHOLARLY PRODUCTS 2011
ND INBRE P20RR016471-11

POSTERS (undergraduates are underlined)

Minot State University

Huesers M, Bobylev MM. Byproducts in the rapid synthesis of N-(4-chlorobenzyl)formamide. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.
2012 Research Poster Session, 2012.

7th Annual Northwest Regional Undergraduate Affiliate Network Meeting "Undergraduate Research in the Molecular Sciences (URMS)", 2011.

Bauer AW, Bobylev MM. Rapid synthesis of N-(2,4-dichlorobenzyl)formamide. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.
2012 Research Poster Session, 2012.

7th Annual Northwest Regional Undergraduate Affiliate Network Meeting "Undergraduate Research in the Molecular Sciences (URMS)", 2011.

Hartman JR, Bobylev MM. Application of the accelerated Leuckart reaction to benzene-1,4-dicarboxaldehyde. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Uran LW, Hedges JM, Bobylev MM. Application of the accelerated Leuckart reaction to 4-nitrobenzaldehyde. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.
7th Annual Northwest Regional Undergraduate Affiliate Network Meeting "Undergraduate Research in the Molecular Sciences (URMS)", 2011.

Metzigian E, DesRoches, Bobylev MM. Rapid synthesis of N-[1-(2,4-dichlorophenyl)pentyl]formamide.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

7th Annual Northwest Regional Undergraduate Affiliate Network Meeting "Undergraduate Research in the Molecular Sciences (URMS)", 2011.

Burckhard B, Bobylev MM. Byproducts in the rapid synthesis of N-vanillylformamide.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Sweet J, Sweet C, Kraft A, Beachy C. The Amphibian Growth Project: Educational and Research Opportunities for K-12 and the General Public.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Beachy CK, Lichtenberger K, Langer W, Sweet J, Cabarle KC. Life History of the Wood Frog, *Lithobates sylvatica*: An Example of Doing Meaningful Research in Rural Schools.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Wagner SL, Diede D, Keller CP. Use of a Self-Referencing Ion-Selective Microelectrode Recording Station for Evaluation of Changes in Ion Fluxes Resulting from Heavy Metal

Treatment of Arabidopsis Roots.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Soderstrom A, Keller CP, Hossain K. Variability in Root Cortex Cell Membrane Potential Sensitivity to Zn⁺² between Common Bean (*Phaseolus vulgaris*) Genotypes Differing in Seed Zn Content and Growing Conditions.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Volk M, Keller C. Use of High Resolution Growth Measurement of Arabidopsis thaliana Roots Finds an Unexpected Periodicity.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Wagner SL, Roise AM, Keller C. Does Abscisic Acid (ABA) Control the Growth Effects of Indole-3-Acetic Acid (IAA) in Expanding Arabidopsis leaves?

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Kraft A, Wilson M, Deide D, Winburn R, Beachy C. Cadmium levels in amphibians in North Dakota wetlands.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Beachy CK, Cabarle KC, Page RB, and Voss SR. Cadmium induction of gene expression in salamander and biomonitoring in an agricultural landscape.

Joint annual meeting of Ichthyologists and Herpetologists, 2011.

Burckhard BA, Bobylev MM. Byproducts in the rapid synthesis of N-vanillylformamide. 2012 Research Poster Session, 2012.

7th Annual Northwest Regional Undergraduate Affiliate Network Meeting "Undergraduate Research in the Molecular Sciences (URMS)", 2011.

Burckhard BA, Uran LW, Bobyleva LI, Bobylev MM. Addressing the hazards of post-flood mold to public health with basic research and public service.

2012 Research Poster Session, 2012.

7th Annual Northwest Regional Undergraduate Affiliate Network Meeting "Undergraduate Research in the Molecular Sciences (URMS)", 2011.

Burckhard BA, Bobylev MM. Rapid synthesis of N-[1-(4-methoxyphenyl)ethyl]formamide. 242nd ACS National Meeting, 2011.

Hartman JR, Bobylev MM. Application of the accelerated Leuckart reaction to benzene-1,4-dicarboxaldehyde.

7th Annual Northwest Regional Undergraduate Affiliate Network Meeting "Undergraduate Research in the Molecular Sciences (URMS)", 2011.

Kraft A, Winburn N, Winburn R, Cabarle KC, Beachy CK. Cadmium tissue integration in the western tiger salamander, *Ambystoma mavortium*, in northwest North Dakota wetlands.

Joint annual meeting of Ichthyologists and Herpetologists, 2011.

Uran LW, Fredrich DM, Bobylev, MM. Rapid synthesis of N-(4-t-butylbenzyl)formamide
242nd ACS National Meeting, 2011.

Sweet JJ, Beachy CK. Educational and conservation outreach provided by the Amphibian
Growth Project website.
Joint annual meeting of Ichthyologists and Herpetologists, 2011.

Nkuni YN, Bobylev MM. Rapid synthesis of N-(1-naphthylmethyl)-formamide
242nd ACS National Meeting, 2011.
Annual Biomedical Research Conference for Minority Students (ABRCMS), 2011.

Valley City State University

Kraft C, McLean E, Soumaila F, Fergel A, Nelson E, Lander M, Bilski JJ. Heavy metals
accumulation in plants grown on coal fly ash ameliorated by peat moss, vermiculite and sand.
3rd Annual ND INBRE Undergraduate Research Symposium, October 2011.

Dickinson State University

Murray J, Haas H, Klym S, Burgess L. Human Kidney Tubule Cells and their Expression of
Connexin mRNAs after Cadmium Treatment.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Burgess L. Human Kidney Tubule Cells and their Expression of Connexin Proteins after
Cadmium Treatment.
Symposium on Excellence in Nurturing Undergraduate Research, 2012.

Mayville State University

Zacharias J, Leilani A, Mamidi S, Hossain K. Mapping Health Related Traits in the Common
Bean Genome using Recombinant Inbred Lines (RILs).
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Ness JA, Gonnella TP, Keating JM, Picklo MJ. NADH Fluorescence Lifetime Analysis of the
Effect of Magnesium Ions on Cytosolic Aldehyde Dehydrogenase 1 (ALDH1).
7th Annual Undergraduate Research in Molecular Sciences Meeting, Moorhead, MN, 2011.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Leilani A, Jacob D, Zacharias J, Mamidi S, DeLong H, Jespersen K, Hossain K. Genotype by
Environment Influence on Mineral Composition in Common Bean Seed.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.
Hossain KG, Miklas PN, Leilani A, Zacharias J. Genomic Localization of Genes Conditioning
Health-Related Mineral content in Common Bean.
BIC Biennial Meeting, 2011.

Turtle Mountain Community College

Davis K, Best LG. Use of the IBC CARE Microarray in the Genetics & Pre-eclampsia Study. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Davis K, Best LG, Keating B. IBC CARE Microarray Chip. 9th Annual American Indian Health Research Conference, 2011.

Cankdeska Cikana Community College

McDonald EM, Delorme AL, McDonald CL, Ross TM, Wanna AC, Azure LA. A Descriptive Assessment of Health Factors at a Dakota Tribal College. 3rd Annual ND INBRE Undergraduate Research Symposium, October 2011. 9th Annual American Indian Health Research Conference, 2011.

Azure LA. Who will define success among American Indians? A qualitative study. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011. 9th Annual American Indian Health Research Conference, 2011.

Azure L. Case Study - Cankdeska Cikana Community College Health Survey 2010. 23rd Annual Native Health Research Conference, 2011.

Azure L. PEEC – A True Collaboration. 2012 National Science Foundation Pre-Engineering Education Collaborative.

North Dakota State University

Ljepoja D, Saini-Eidukat B. Plans to Evaluate Potential Erionite-Bearing Strata in the Western Dakotas and Eastern Montana. SD/ND Joint EPSCoR Conference, 2011.

Ljepoja D, Saini-Eidukat B. Evaluation of Potential Erionite-Bearing Strata in the Western Dakotas and Eastern Montana. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Triplett J, Saini-Eidukat B. Characterization of fibrous zeolites from western North Dakota. Geological Society of America, 43:139. Minneapolis, MN, 2011.

Stalboerger AJ, Lin W, Jacob DL, Otte ML. Construction of a treatment wetland for sulfate removal from tile drain water and a for production of biofuel. Society of Wetland Scientists North Central Chapter meeting, 2011. NDSU ECS Environmental and Conservation Science Recruiting Fair, 2011.

Yellick AH, Jacob DL, DeKeyser ES, Hargiss CLM, Yan C, Otte ML. Element fingerprinting of soils to predict wetland characteristics.

Society of Wetland Scientists North Central Chapter meeting, 2011.

Yellick AH, Jacob DL, DeKeyser ES, Hargiss CLM, Yan C, Otte ML. Multi-element characterization of wetlands: a novel approach in assessing wetland condition. NDSU Environmental and Conservation Science Recruiting Fair, 2011. Central Region IDeA Conference, Omaha, NE, 2011.

Yellick AH, Jacob DL, DeKeyser ES, Hargiss CLM, Yan C, Otte ML. Multi-element soil analysis and wetland vegetative community quality. 8th Annual Northern Plains Biological Symposium, 2011.

Asgary A, Jacob DL, Otte ML. Element fingerprinting for assessment of riparian wetlands. NDSU Environmental and Conservation Science Recruiting Fair, 2011. Society of Wetland Scientists North Central Chapter meeting, 2011.

Sullivan R, Fischbach E, Kissoon LT, Jacob DJ, Hanson M, Otte M. Relationship between fringe vegetation composition and shallow lake turbidity. Society of Wetland Scientists North Central Chapter meeting, 2011. NDSU Environmental and Conservation Science Recruiting Fair, 2011.

Kissoon L, Jacob D, Otte M. Wetlands from root zone to landscape. NDSU Environmental and Conservation Science Recruiting Fair, 2011.

Kissoon L, Jacob DL, Hanson MA, Bowe SE, Herwig BR, Otte ML. Shallow lakes: relationships between ecology and biogeochemistry. Society of Wetland Scientists North Central Chapter meeting, 2011. 8th Annual Northern Plains Biological Symposium, 2011.

Fischbach E, Otte M, Jacob D. Cadmium Contaminated Soil in North Dakota and the Effects of Sunflowers (*Helianthus annuus* L.) on Mobilization, Uptake and Immobilization. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Jacob DL, Otte ML. Updated Capabilities of the ND INBRE Metal Analysis Core Laboratory 2011. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Werkmeister-Karki C, Hopkins D, Saini-Eidukat B. Investigating Geologic Control of Elevated Soil Cadmium in Northeastern North Dakota. Central Region IDeA Conference, Omaha, NE, 2011. Tabaka JW, Zeleznik J, Otte ML, Jacob DL. Dendrochemical analysis of *Quercus macrocarpa*. Central Region IDeA Conference, Omaha, NE, 2011.

Salem S, Alroobi R, Banitaan S, Brewer J, Aljarah I. CLARM: An Integrative Approach for Functional Modules Discovery. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Eastman SA, Gray JS, Klug MG. Spirituality as a Protective Factor in American Indian Mental Health.

9th Annual American Indian Health Research Conference, 2011.

119th Annual American Psychological Association Conference, Washington, D.C., 2011.

UND Summer Research Poster Session, 2011.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Wheeler MJ, Gray JS. Alcohol and Other Drug Use among Northern Plains Indians.

24th Annual Conference of American Indian Psychologists and Psychology Graduate Students, Logan, UT, 2011.

UND Summer Research Poster Session, 2011.

119th Annual American Psychological Association Conference, Washington, D.C., 2011.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

9th Annual American Indian Health Research Conference, 2011.

Martin EL, Gray JS. Quality of Life Indicators in Northern Plains Indians. 119th Annual American Psychological Association Conference, Washington, D.C., 2011.

Kagan C, Gary JS, Klug MG. Relationship between Acculturation and Psychological Distress in Northern Plains Indians.

9th Annual American Indian Health Research Conference, 2011

119th Annual American Psychological Association Conference, Washington, D.C., 2011.

Gray JS, Carter PM, Hill KX, Eastman SA. Symposium: Circle of Care: Building a Native Research Team.

119th Annual American Psychological Association Conference, Washington, D.C., 2011.

Wilson E, Penland JG. The Northern Plains Biculturalism Inventory (NPBI) to Assess Cultural Affiliation University of North Dakota.

9th Annual American Indian Health Research Conference, 2011.

Kagan C, Gray JS. The Northern Plains Biculturalism Inventory (NPBI) to Assess Cultural Affiliation.

119th Annual American Psychological Association Conference, Washington, D.C., 2011.

Davis SA, Gray JS, Eastman SA, Martin EL, Hill KX, Wheeler MJ. Assessment of Anxiety in Northern Plains Indians.

119th Annual American Psychological Association Conference, Washington, D.C., 2011.

9th Annual American Indian Health Research Conference, 2011.

Davis SA, Gray JS, Klug MG. Use of the SCL-90-R with Northern Plains Indians.

9th Annual American Indian Health Research Conference, 2011.

119th Annual American Psychological Association Conference, Washington, D.C., 2011.

Mudgett MA, Gray JS, Washington B. American Indian Rumination Related to Mental Health and Substance Abuse.

119th Annual American Psychological Association Conference, Washington, D.C., 2011.

24th Annual Conference of American Indian Psychologists and Psychology Graduate Students, Logan, UT., 2011.

Mudgett MA, Gray JS, Eastman SA, Davis SA, Washington B, Hill KX, Wheeler MJ, Tobacco, R, Iron Thunder A, Hodgkiss Y, Klug MG. American Indian Rumination Related to Mental Health and Substance Abuse.

UND Summer Research Poster Session, 2011.

Mudgett MA, Gray JS, Klug MG. The Relationship of Rumination to Mental Health and Substance Abuse.

9th Annual American Indian Health Research Conference, 2011.

Mudgett M, Gray JS, Klug MG. The Relationship of Rumination to Anxiety, Depression, & Substance Abuse Among Northern Plains Indians.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Hill KX, Gray JS, Klug MG. The Northern Plains Biculturalism Inventory (NPBI) to Assess Cultural Affiliation Assessment of Depression in Northern Plains Indians.

9th Annual American Indian Health Research Conference, 2011.

Hill KX, Gray JS, Davis SA, Eastman SA, Martin EL, Wheeler MJ. Assessment of Depression in Northern Plains Indians.

119th Annual American Psychological Association Conference, Washington, D.C., 2011.

Gray JS, Carter PM, Hill KX, Eastman SA. Symposium: Circle of Care: Building a Native Research Team.

119th Annual American Psychological Association Conference, Washington, D.C., 2011.

University of North Dakota

Tischer J, Lamb P, Zoller I, Newman AH, Henry K. Generation and analysis of site-directed mutants to identify a second citalopram binding site on the human serotonin transporter.

NIH NIDA Intramural Research Program, Bethesda MD, 2011.

UND Summer Research Poster Session, 2011.

Pachniak R, Ulmer N, Reindl K. Mechanisms by which sulforaphane inhibits growth of colon cancer cells.

Center for Protease Research ND REU poster session. 2011.

Hart BJ, Somji S, Sens DA, Sens MA, Garrett SH. Expression of HES5 in Cd⁺²-Exposed HPT Cells. UND Summer Research Poster Session, 2011.

Alspach F, Mischel R, Simpson P, Perez DM, Doze VA. Modification of alpha1-Adrenergic Receptor Subtype Expression Does Not Alter Locomotor Behavior.
UND Summer Research Poster Session, 2011.

Li J-X, Joppru K, Jundt M, Gaid M, Wu M. Bisindolylmaleimide Enhances Resistance to Pseudomonas aeruginosa Infection in Murine Alveolar Macrophages through Inhibition of Protein Kinase C.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Mischel R, Nelson BW, Doze VA. Alpha1A- Adrenergic Receptor Activation Attenuates Mouse Hippocampal Region CA3 Epileptiform Activity.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.
UND Summer Research Poster Session, 2011.

Davis B, Luger E, Fossen A, Collette K, Perez DM, Haselton JR, Doze VA. Alpha-1A Adrenergic Receptor Stimulation Improves Mood in Mice.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.
9th Annual American Indian Health Research Conference, 2011.

Poitra SL, Wilkie LN, Davis BA, Fossen AH, McGuire SL, Luger EJ, Haselton JR, Simpson PC, Perez DM, Doze VA. Chronic expression of the alpha1A adrenergic receptor decreases anxiety-like symptoms in aged mice.
UND Summer Research Poster Session, 2011.

Jeno ME, Larson JE, Hewitt HM, Dunlevy JR. ADAM22, FN1 and UGT8 Expression in Normal and Transformed UROtsa Bladder Cell Lines.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.
UND Summer Research Poster Session, 2011.

Holm T, Somji S, Sens DA, Sens MA, Garrett SH. FCRLA and CHRDL1 Gene Expression Change in Human Proximal Tubule Cells Exposed to Cadmium over a 13-Day Time Course.
UND Summer Research Poster Session, 2011.

Amundson S, Stein T, Darland T. Addiction-Related Genetic Polymorphisms in a Small Population of UND Graduate Students.
UND Summer Research Poster Session, 2011.

Clarke K, Zeng K, Mahmoud M, Zhang K. RNA-Seq assembly: a simulation study of ABySS and Velvet.
UND Summer Research Poster Session, 2011.
3rd Annual ND INBRE Undergraduate Research Symposium, October 2011.

Talaat S, Garrett SH, Somji S, Sens DA, Sens MA. Epigenetic regulation of the promoter of the Metallothionein 1X (MT1X) gene.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Peterson KJ, Maddux S, Goldenstein B, Perez DM, Doze VA. The Effect of alpha1A - Adrenergic Receptors on Spatial Memory Through Neurogenesis. UND Summer Research Poster Session, 2011. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Urquhart S, Dhawan G, Combs C. Comparison of APP and A β Deposition in the Ileum and Brain of an AD Mouse Model. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011. UND Summer Research Poster Session, 2011.

Woods E, Kallestad L, Gefron A, Milavetz B. The Effect of Chromatin Structure on Viral Degradation Using SV40 as a Model System. UND Summer Research Poster Session, 2011.

Kelchen MN, Rosenberger TA, Picklo MJ, Raatz SK. Effect of Farmed Atlantic Salmon Intake on Plasma Esterified Fatty Acid and Cholesterol Content: A Clinical Dose Response Study. UND Summer Research Poster Session, 2011

Dvorak S, Euscher CM, Sandquist EJ, Sens DA, Doze VA. The Effects of Cadmium on Cell Death in the Dentate Gyrus of Adult Mice. UND Summer Research Poster Session, 2011. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Fossen A, Goldenstein B, Perez DM, Doze VA. Effects of Neurogenesis Ablation on Learning, Memory, and Synaptic Plasticity. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Fossen A, Goldenstein B, Collette K, Perez DM, Doze VA. Effects of Neurogenesis Ablation on Learning, Memory, and Synaptic Plasticity. UND Summer Research Poster Session, 2011.

Collette KM, Hurt CC, Perez DM, Doze VA. Chronic alpha1A Adrenergic Receptor Stimulation Increases Median Lifespan in Mice. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Rebel AA, Puig KL, Brose SA, Golovko MY, Combs C. Obesity Induces Depression-like Behavior in a Murine High Fat Diet Model. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011. UND Summer Research Poster Session, 2011.

Nielsen ARD, Collette KM, Perez DM, Doze VA. Chronic alpha1AAR Stimulation May Increase Adult Neurogenesis and Parvalbumin Interneurons. 3rd Annual ND INBRE Undergraduate Research Symposium, 2011. UND Summer Research Poster Session, 2011.

Schubloom H, Rhen T, Gruchalla K. Androgen Receptor Expression in Hypothalamic Nuclei of Male vs. Female and VEGF188 vs Wild-type Mice.

UND Summer Research Poster Session, 2011.

Anderson T, Holdman E, Todhunder R, Riedinger J, Munonen W, Shabb J. Structural Analysis of Immuno-enriched MINERVA from Rat Lung Tissue.
UND Summer Research Poster Session, 2011.

Buis BP, Andersen E, Berosik M, One Feather BK, Yarusso K, Schaubhut G, Darland T, Darland D. Effects of Early Cadmium Exposure on Zebrafish Neurovascular Development.
UND Summer Research Poster Session, 2011.

Crawford W, Xi B, Sens D, Kennedy A. When can Erionite become Airborne in North Dakota?
UND Summer Research Poster Session, .
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Halsey A, Whiteman C, Conway P. Quality of Life Indicators in Northern Plains Indians.
Wiconi Ohitika Youth Suicide Prevention Program: A Cultural Strengthening Outreach Program Incorporation.
9th Annual American Indian Health Research Conference, 2011.

Lutz BM, Puig KL, Combs CK. APP and the Associated Inflammatory Changes in the Intestine of a Murine Model of AD.
UND Summer Research Poster Session, 2011.

Yang Y, Zhang K. A hidden Markov model-based algorithm for identifying tumour subtype using array CGH data.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Xie L, Ortega TM, Mora S, Chapes SK. Interactive Changes between Macrophages and Adipocytes.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Xie L, Hoffmann AD, Friedland-Little JM, Zhang K, Moskowitz IP. A Tbx5-Hedgehog Pathway is Required in Second Heart Field Cardiac Progenitors for Atrial Septation.
3rd Annual ND INBRE Undergraduate Research Meeting, 2011.

Voels B, Garrett SH, Somji S, Sens DA. The Epithelial-to-Mesenchymal Transition: Metallothionein-3-Mediated Control of E-cadherin Expression through E-box Promoter Elements.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Amoth HM, Collette KM, Lyons MJ, Zhou X, Sens DA, Simpson PC, Perez DM, Doze VA. alpha1A - Adrenergic Receptor Stimulation and alpha1B- Adrenergic Receptor Inhibition Reduces Carcinogenesis in Transgenic Mouse Models.
3rd Annual ND INBRE Undergraduate Research Symposium, 2011.
UND Summer Research Poster Session, 2011.

Holdman E, Anderson T, Todhunter R, Riedinger J, Muhonen W, Shabb J. Structural Analysis of Immuno-enriched FAM129b from Rat Lung Tissue.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Larson JL, Somji S, Sens DA, Sens MA, Garrett SH, Dunlevy JR. Overexpression of SPARC Modulates Cell Growth and Migration in Malignantly Transformed Human Urothelial Cells (UROtsa).

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Cymbaluk A, Kees E, Carlson E. Overexpression of Metallothionein in Renal Podocytes Provides Renoprotection from Adriamycin Nephrotoxicity.

UND Summer Research Poster Session, 2011.

Ajjimaporn A, Somji S, Garrett SH, Zhou XD, Sens MA, Sens DA, ZIP8 expression in Cd⁺² and As⁺³ exposed and transformed human urothelial cells (UROtsa) and in human urothelial tissue.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Fisher K, Somji S, Sens DA, Sens MA, Garrett SH. Expression Increase of CST6 in Cadmium-Exposed HPT Cells.

UND Summer Research Poster Session, 2011.

Froehlich K, Somji S, Sens MA, Sens DA, Garrett SH. Expression of Ryanodine Receptor 1 and Galanin Prepropeptide during long-term cadmium exposure in human proximal tubule cells.

UND Summer Research Poster Session, 2011.

Mehus A, Garrett SH, Shabb J, Sens DA, Somji S, Sens MA, Muhonen W. Relative Quantification of Metallothionein Isoforms in Human Kidney Cells Using Stable Isotope labeling of Cysteines and MALDI-TOF/TOF Mass Spectrometry.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Joppru K, Jundt M, Gaid M, Fox J, Li J, Wu M. Effects of Dust Mites (HDM) on Airway Remodeling and Inflammation in Caveolin (CAV) Knockout (KO) mice.

UND Summer Research Poster Session, 2011.

Slusser A, Garrett SH, Sens DA, Sens MA, Somji S. JHDM1D, a Dual-Specificity Histone Demethylase, is Induced in Human Urothelial Cells (UROtsa) Transformed by As⁺³ and Cd⁺².

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Conway P, Wages J, Hanson B, Cisek K, Boeckel J. Factors that Influence Career Choices.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Goldenstein BL, Nelson BW, Perez DM, Doze VA. Aged-Constitutively Active Mutant alpha1A Adrenergic Receptor Mice have Enhanced LTP in the Hippocampal CA1 Region.

3rd Annual ND INBRE Undergraduate Research Symposium, 2011.

Milavetz B, Adams N, Gefroh A, Kallestad L, Balakrishnan L. Epigenetic Regulation of SV40 Minichromosomes and Virions by T-Antigen.
111th ASM General Meeting, New Orleans, LA, 2011.