

SCHOLARLY PRODUCTS 2016
ND INBRE: HEALTH AND THE ENVIRONMENT
P20GM103442

POSTERS (undergraduates are underlined)

Minot State University

Buchholz A, Kraft A, Cole-Harding S, Winburn N. Time interval profiles of extracted caffeine concentrations in human saliva using GC/MS analysis.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Choi JH, Bobyleva LI, Bobylev MM. Rapid synthesis of N-Vanillylbutyramide.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Posters on the Hill 2016, April 19-20, 2016, Washington, DC, USA

251st ACS National Meeting, March 13-17, 2016, San Diego, California

North Dakota Academy of Science, 2016

Minot State University Research Poster Session, 2016

Doster-Azzarello T, Bobyleva LI, Bobylev MM. Rapid synthesis of N-methyl-N-(3-trifluoromethylbenzyl) formamide.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Hatfield BM, Bobyleva LI, Bobylev MM. Rapid synthesis of N-methyl-N-(2-naphthylmethyl) formamide.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

251st ACS National Meeting, March 13-17, 2016, San Diego, California

North Dakota Academy of Science, 2016

Minot State University Research Poster Session, 2016

Lee HJ, Bobyleva LI, Bobylev MM. Rapid synthesis of N-(4-bromobenzyl)-N-methylformamide.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

251st ACS National Meeting, March 13-17, 2016, San Diego, California

North Dakota Academy of Science, 2016.

Lee HJ, Bobyleva LI, Bobylev MM. Rapid synthesis of N-methyl-N-(1-naphthylmethyl)formamide.

Minot State University Research Poster Session, 2016

Mojica EY, Bobyleva LI, Bobylev MM. Rapid synthesis of N-(2-chlorobenzyl)-N-methylformamide.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Park SY, Bobyleva LI, Bobylev MM. Rapid synthesis of N-methyl-N-(trifluoromethylbenzyl)formamide.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016
251st ACS National Meeting, March 13-17, 2016, San Diego, California
North Dakota Academy of Science, 2016.

Park SY, Bobyleva LI, Bobylev MM. Rapid synthesis of N-(4-t-butylbenzyl)-N-methylformamide.

Minot State University Research Poster Session, 2016

Huether S, Eke A, Royer R, Lepp PW. Bacterial species associated with two species of hard-bodied ticks.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Keller CP, Adeleke AF. Identifying the receptor mediating the rapid ion-flux response to the plant hormone auxin in corn.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Shabani S, Mojica IE, Hellmuth L, Houlton S, Schmidt B, Phillips TJ. Relationship between methamphetamine use, reinforcement and seeking in mice with high genotype-dependant methamphetamine intake.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016
2016 Neuroscience Meeting Planner.
San Diego, CA: Society for Neuroscience, 2016.

Skinner TA, Bobyleva LI, Bobylev MM. Rapid synthesis of N-(3-chlorobenzyl)-methylformamide.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Sundhagen SE, Bobyleva LI, Bobylev MM. Rapid synthesis of N-(4-isopropylbenzyl)-N-methylformamide.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Torgunrud J, Bobyleva LI, Bobylev MM. Rapid synthesis of N-(4-chlorobenzyl)morpholine.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016
251st ACS National Meeting, March 13-17, 2016, San Diego, California
North Dakota Academy of Science, 2016.

Torgunrud J, Bobyleva LI, Bobylev MM. Rapid synthesis of N-(3-indolylmethyl)-N-methylformamide.

Minot State University Research Poster Session, 2016

Stewart KN, Buchholz AL, Super HJ. Effects of epigenetic modifier inhibitors on AML cell sensitivity to differentiation therapy.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Collins JA, Bobyleva LL, Bobylev MM. Rapid Synthesis of N-(2,4-dichlorobenzyl)-N-methylformamide.

251st ACS National Meeting, March 13-17, 2016, San Diego, California

North Dakota Academy of Science, 2016.

Minot State University Research Poster Session, 2016

O'Keefe K, Bobylev MM. Rapid Synthesis of N-(4-chlorobenzyl)-N-ethylformamide.

251st ACS National Meeting, March 13-17, 2016, San Diego, California

Minot State University Research Poster Session, 2016

Shipunov A, Choi JH, DeSpiegelaere S, Lee HJ. Phylogeny of the Buxineae: boxwoods and related. Botany 2016. Savannah, Georgia, July 30--August 3, 2016

North Dakota Academy of Science, 2016.

Hassan I, Schmidt B. Effect of lactoferrin on yeast with and without iron.

North Dakota Academy of Science, 2016.

Miller S, Schmidt B. Investigating the role of allosteric disulfide bonds in the antibacterial mechanism of lactoferrin.

North Dakota Academy of Science, 2016.

Zabka B, Nespor B, Buchholz A, Winburn M. Comparison of internal standards for GC/MS analysis of caffeine extracted from human saliva samples.

North Dakota Academy of Science, 2016.

Minot State University Research Poster Session, 2016.

Keller CP, Khoshnaw WAA. Are gibberellins involved in control of light dependent leaf expansion in arabidopsis.

North Dakota Academy of Science, 2016.

Nespor B, Zabka B, Buchholz A, Mayhew J, Cole-Harding S, Winburn N. Method optimization of caffeine extraction from human saliva for GC/MS analysis.

Minot State University Research Poster Session, 2016.

Valley City State University

Krueger I, Tangen J, Rowell J, Bilski J. Determining toxicity of arsenic in coal ash used as plant

growth media.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Krueger I, Tangen J, Rowell J, Hone S, and Jerzy Bilski J. Making coal combustion “greener” by the utilization of coal fly ash (FA) as a component of growth media for crop plants.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Olson MA, Schlecht JN, Pavlenko SL, Keasler SJ. Neutral aerosol formation in the presence of atmospheric trace gases.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Schlecht J, Olson MA, Pavlenko SL, Keasler SJ. Ion-enhance nucleation in the sulfuric acid/water/ammonia system.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Tangen J, Hone S, Langdeaux R, Bilski J. Determining toxicity of chromium in coal ash used as plant growth media.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Dickinson State University

Merritt FS, Brennan AA, Spieß JW, Daigh ALM, McGranahan DA, Whippo CW. The spatial dispersion and effects of clinker road dust on wheat and arabidopsis.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Zumwalt CM, Hibbs TM, Meneses LE, Steffan JJ. Microenvironmental acidosis potentiates hepatocyte growth factor/C-MET signaling promoting tumor cell migration and invasion.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Zietz S, Hodi C, Burgess LC. A rapid cell culture method for establishing and identifying endothelial cells from equine exuberant granulation tissue.

Mayville State University

Dearinger S, Johnson MA, Durant CE, Durant CN, Kalavacharla V, Hossain K. Higher concentrations of Fe and Zn lead to the histone modification in common bean.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Dearinger S, Johnson MA, Durant CE, Durant CN, Kalavacharla V, Hossain K. Histone modification in common bean is induced by higher concentrations of Fe and Zn.

Plant & Animal Genome XX, Jan 2017

Dearinger S, Quadir M, Borowicz P, Mallik S, and Khwaja Hossain K. Uptake and translocation of biobased polymer in plant tissue.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Durant CE, Durant CN, Dearinger SC, Johnson MA, Hossain KG. Increased concentrations of Fe and Zn change protein expression in common bean seed.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Nelson AE, Karissa M, Hanson KM, Nelson CJ, Mehus JO. Dosage dependent mutation and mortality rates of *Physa acuta* embryo in response to cadmium.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Nelson CJ, Hanson K, Berven AJ, Ziemer CJ, Durant CN, Mehus JO. Bioaccumulation of cadmium in *Tenebrio molitor* developmental stages.

2016 ND EPSCOR Conference

Hanson KM, Nelson CJ, Durant CN, Berven AJ, Ziemer CJ, Mehus JO. Dosage Dependent Response to Cadmium in *Stagnicola elodes* Embryos.

2016 NISBRE Conference

O'Connor PK, Russell WE, Gonnella TP. Examination of substrate binding of straight-chain aldehydes with mitochondrial aldehyde dehydrogenase under physiological magnesium ion concentrations.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Ogburn KS, Ness HM, Gonnella TP. The effect of ALDA-1 on the substrate binding and enzyme activity of mitochondrial aldehyde dehydrogenase (ALDH2) at physiological magnesium concentrations.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Walsh NA, Nelson AE, Gonnella TP. Examining naphthaldehydes as a potential fluorescent probe to resolve aldehyde dehydrogenases.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Turtle Mountain Community College

Parisien A, Azure C, Davis B, Anderson CM, Best LG. Expression of C-reactive protein is

increased in placental tissue of women with pre-eclampsia.
8th Annual ND INBRE Undergraduate Research Symposium, October 2016
North Dakota Academy of Science, 2016.

Best LG, Lunday L, Webster E, Beal JR. Pre-eclampsia and risk of subsequent hypertension: in an American Indian population.
North Dakota Academy of Science, 2016.

Cankdeska Cikana Community College

Bercier NA, Voels BJ. A preliminary investigation into metallothionein-3's influence on the expression of GAGE antigens in MCF7 cells.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Robertson AM, Voels BJ. The unique N- and C-terminal domains of metallothionein-3 influence the expression of GAGE antigens 12H, 12G, 12C, and 2C in MCF7 cells.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Nueta Hidatsa Sahnish College (Fort Berthold Community College)

Archambault A. Investigating native pollinators of wild fruits on the Fort Berthold Indian Reservation.
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Hall AD, Hartman K. Comparison of juneberry (amalachier) of Fort Berthold Indian Reservation.
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Laducer-Garrett F, Hartman K, Saini-Eidukat B, Shafiqur Rahman S, Borhan M. Particulate matter exposure along designated traffic routes on the Fort Berthold Reservation, North Dakota.
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

University of North Dakota

de Oliveira GD, Oancea SC. The association between physical activity and depression among individuals residing in Brazil.
Frank Low Research Day, April 07, 2016

Simon I, Swartz S, Rundquist BC, Schwartz G, Oancea SC, Zheng Y, Zhou X, Sens MA. The geography of chronic lymphocytic leukemia and residential radon in North Dakota, Wisconsin,

and Texas. Frank Low Research Day, April 2016.

de Oliveira GD, Oancea SC, Nucci LB. The association between physical activity and depression among cancer survivors residing in Brazil.

NAACCR 2016 Conference, St. Louis, Missouri, June 2016

Alberts B, Dent ZO, Smith NA, Biggane JP, Perez DM, Doze VA. Effect of constitutive α_{1A} -adrenergic receptor (α_{1A} -AR) activation on the expression of GriK1, GriK2, and GriK3 in female mouse hippocampi.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Andersen T, Dent ZO, Smith NA, Biggane JP, Perez DM, Doze VA. Constitutive α_{1A} -adrenergic receptor activation and gene expression of Ccnd1 Ccnd2 and Ccnd3 in the hippocampus.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Andersen T, Dent ZO, Smith NA, Biggane JP, Perez DM, Doze VA. Constitutive α_{1A} -adrenergic receptor activation and gene expression of Ccnd1 Ccnd2 in the adult female mouse brain.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Arntz, S, Antonenko A, Freeberg BA, Shrestha S, Slusser-Nore A, Somji S. The effect of immortalization on the mRNA expression of HIF1A and PPP1R3C.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Bahr H, Sayler D, Hoggarth Z, Shrestha S, Slosser-Nore A, Dunlevy J. Expression of LRRC19 and TSPAN1 genes in human proximal tubule cells from kidney.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Bercier L, Ward C, Carter P, Gray JS. Diabetes amongst AI/AN elders by age, income, cultural practices, and residing on/off tribal lands.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Beston D, Gray JS, Petros T, Ayala E, Young A. SASSI-3: Substance abuse and comorbidity among Northern Plains Indians.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Braun M, Dhawan MG, Combs C. Comparing mouse models for Alzheimer's disease pathology

in the brain and small intestine.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Brown AM, Osowski DB, Slusser-Nore A, Shrethsa S, Garrett SH. Expression of the inflammatory genes IL6 and MAP2K6 in the HK-2, HK-2(MT-3), and hTERT cells and human proximal tubule isolates.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Corum N, Dent ZO, Smith NA, Biggane JP, Perez DM, Doze VA. Differential expression of Camk2a, Cdk5, and Trp53 in the hippocampus of constitutively active α_{1A} -Adrenergic Receptor adult female mutant mice.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Cox M, Xiao F. The spatiotemporal patterns of US air pollution: A case study of Connecticut.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Milavetz B, Dettlaff A, Perley D, Ajeet M. Nucleosome shifting.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Devine F, Huwe T, Hammer LY, Swartz S, Simmons R, Park M, Goodwin MJ, Yurkonis K. Comparison of genetic and morphospecies identification techniques to examine a restored grassland pollinator community.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Didier-Mills K, Sayler D, Hoggarth Z, Shrestha S, Slusser-Nor A, Dunlevy JR. Gene expression in human proximal tubule cell lines.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Doze VN, Osowski DB, Slusser-Nore A, Shrethsa S, Garrett SH. Expression of G protein-coupled receptor genes ADGRG2, ADGRF1, and ADGRF4 in HK-2, MT-3 induced HK-2, hTERT, and human proximal tubule cells.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

DuFresne-To M, Antonenko A, Freeberg BA, Shrestha S, Slusser-Nore A, Somji S. Expression of KCNJ1, TRPC6 and SLC16A7 in EMT/MET.

2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Fahy T, Dent ZO, Smith NA, Biggane JP, Perez DM, Doze VA. Differential gene expression of Grin2c, Grin2d, and Bax in the hippocampi of mice with constitutive α _{1A}-adrenergic receptors.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Freeberg P, Dent ZO, Smith NA, Biggane JP, Perez DM, Doze VA.
Constitutive α _{1A}-adrenergic receptor activation and gene expression of Cycs, Casp3, and Casp6 in the adult female mouse brain.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Fuller H, Dent ZO, Smith NA, Biggane JP, Perez DM, Doze VA. Effect of constitutive α _{1A}-adrenergic receptor activation on the expression of Stx1b, Stxbp1, and Slc18a2 in mouse hippocampi.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Garcia JB, Gray JS, Penland JG, Petros T, Young A, Ayala E. Examining the relationship between the SCL-90-R and cardiovascular disease among Northern Plains tribes.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Germundson DL, Kelsh AV, Puig KL, Melvin JE, Monette S, Combs CK, Nagamoto-Combs K. Mast cell aggregation and microglia activation in the central nervous system in response to a food antigen.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Goodman M, Perley D, Scheidegger A, Rodriguez M, Henry LK. Differential expression analysis of serotonin transporter knockout and M172 transgenic mice and the impact on neuronal pathways in the midbrain.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Goodman P, Rhen T. Identification of temperature sensitive genes associated with the Wnt-signaling pathway during sex determination in the snapping turtle
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Hao A, Schmitz K, Germundson D, Vendsel L, Combs C, Nagamoto-Combs K. Whey protein-

sensitization increased expression of intestinal indoleamine dioxygenase 1 in mice.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Kerney M, Osowski DB, Slusser-Nore A, Shrestha S, Garrett SH. Expression of STAT1, IL-8, and p53 in HK-2, HK-2 MT-3, hTERT, and human proximal tubule cell lines and isolates.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Marama N, Osowski DB, Slusser-Nore A, Shrestha S, Garrett SH. Expression of INHBA and SMAD7 in the HK-2, HK-2(MT-3), hTERT, and human proximal tubular isolates and cell lines.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016
Honors Symposium, Dakota College at Bottineau, December 2016

Marama N, Antonenko A, Freeberg BA, Shrestha S, Slusser-Nore A, Somji S. The Effects of PRKACB and SEMA3A on human kidney cell lines.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016
Honors Symposium, Dakota College at Bottineau, December 2016

Millette E, Saylor D, Hoggarth Z, Shrestha S, Slusser-Nore A, Dunlevy JR. Expression of HABP2 and ADAM9 in HK-2, HK-2 MT-3, and TERT proximal tubule cell lines.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Mueller BP, Osowski DB, Slusser-Nore A, Shrestha S, Garrett SH. Expression of extracellular matrix regulatory proteins DCN and TGFB2 and EMT interactions with MMP7.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Narum BN, Saylor D, Hoggarth Z, Shrestha S, Slusser-Nore A, Dunlevy JR. Expression of SIK1 and LTBP2 in human proximal tubule cell lines.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Parisien K, Kagan C, Petros T, Gray JS, Young A, Ayala E. Cultural contradictions: Native Americans and the MMPI-2.
2016 UND SMHS Summer Undergraduate Research Symposium
8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Christian Peltier C, Danyelle B. Osowski DB, Andrea Slusser-Nore A, Swojani Shrestha S, Garrett SH. Expression of TNFSF10 and IRAK3 in HK-2, MT-3 induced HK-2, hTERT, and

human proximal tubular cell lines and isolates.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Peterson C, Dent ZO, Smith NA, Biggane JP, Perez DM, Doze VA. Constitutive α_{1A} -adrenergic receptor activation and gene expression of Grin1, Grin2a, Grin2b in the mouse brain.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Riley A, Antonenko A, Freeberg BA, Shrestha S, Slusser-Nore A, Somji S. Expression of SEMA6D and FGF9 within mortal and immortalized proximal tubule cell cultures.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Rimatzi N, Sayler D, Hoggarth Z, Shrestha S, Slusser-Nore A, Dunlevy JR. Expression of SOD2, CHRDL1, and ID4 in human proximal tubule cell lines.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Russell S, Antonenko A, Freeberg BA, Shrestha S, Slusser-Nore A, Somji S.

The role of SOX9 and PPP2R3A in Epithelial-Mesenchymal Transition within the proximal tubule.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Scheibe E, Rhen T. Expression of a fluorescent reporter gene, TCF/Lef:H2B-GFP, in snapping turtle (*Chelydra serpentina*) gonad cells during temperature-dependent sex determination.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Schmitz KT, Vendssel LP, Germundson DL, Combs CK, Nagamoto-Combs K.

Tryptophan hydroxylase expression in mice with food allergy.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Schumacher K, Sayler D, Hoggarth Z, Shrestha S, Slusser-Nore A, Dunlevy JR. Expression of MMP-16, COL141A, and PAPP2 in the human proximal tubule.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Seymour S, Dent ZO, Smith NA, Biggane JP, Perez DM, Doze VA. Gene expression of Gad1, Gabra1, and Gabrg2 from mouse hippocampal tissue with constitutively activated α_{1A} -adrenergic receptors.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Sondeland AJ, Dent ZO, Smith NA, Biggane JP, Perez DM, Doze VA. The effect of constitutive α_{1A} -adrenergic receptor activation on gene expression of inositol 1,4,5-triphosphate receptor subtypes.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Stone A, Sayler D, Hoggarth Z, Shrestha S, Slusser-Nore A, Dunlevy JR. Expression of MMP1 and EREG genes in HK-2 cells, HK-2 MT-3 cells, TERT cells and human proximal tubule cell cultures.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Swenson E, Antonenko A, Freeberg BA, Shrestha S, Slusser-Nore A, Seema Somji. Function of GREM1 and LRP4 in regulation of human kidney cells.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Thorleifson O, Sayler D, Hoggarth Z, Shrestha S, Slusser-Nore A, Dunlevy JR. Proximal tubule isolates.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Trottier K, Antonenko A, Freeberg B, Shrestha S, Slusser-Nore A, Somji S. The important effects and role of SLC12A1 and CaSR on the kidney.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Vendsel L, Puig KL, Melvin JE, Monette S, Combs CK, Nagamoto-Combs K. Food allergy-induced changes in histamine 3 receptor expression in the mouse brain.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Ves N, Osowski DB, Slusser-Nore A, Shrestha S, Garrett SH. Evaluating the expression of ACSL4, SLC27A2, SLC16A4, SLC2A3, and IGFBP2 in HK-2, HK-2(MT-3), and hTERT cells and human proximal tubular isolates.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Honors Symposium, Dakota College at Bottineau, December 2016

Ward A, Hovde M, Stanislowski DJ, and Foster JD. Depalmitoylation of the dopamine

transporter by acyl protein thioesterase 2.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Warner J, Xiang M, Zhang K. Identifying PCSK6 mutations in atrial septal defect patients using whole exome and genome sequencing.

2016 UND SMHS Summer Undergraduate Research Symposium

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Xiang M, Lai H, Liu J, Suñer DH, Xie L, Zhang K. Dynamic transcriptomics analyses uncover gene regulatory networks for atrial septation and cardiac development.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Strinden MJ, Selya A. Nicotine dependence and diabetes: an NHANES population analysis.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Shrestha S, Garrett SH, Sens DA, Somji S. Effect of cadmium on the expression of stem cell markers in human proximal tubule cells.

8th Annual ND INBRE Undergraduate Research Symposium, October 2016

Oancea C, Rundquist BC, Simon I, Swartz S, Zheng Y, Zhou X, Sens MA, Schwartz G.

Geospatial association between chronic lymphocytic leukemia and residential radon in three U.S. states.

APHA 2016 Annual Meeting and Expo, Nov 2016.