



2018 Poster Presentation Award Winners

HIGH SCHOOL

Grand Prize: Rachel Heynen, Mitchell High School

Subcellular Localization and Function of SUSD2: Differences between Breast and Ovarian Cancers

Grand Prize: Madison Hetland, Mitchell High School

Constructing a Solar Graphene-Based Supercapacitor

K-12 TEACHERS

Grand Prize: Julie Olson, Mitchell High School

Hands-On vs Virtual Labs: Student Motivation and Retention

Grand Prize: Darwin Daugaard, Dell Rapids Public Schools

Exterior Girder Rotation During Deck Placement

UNDERGRADUATES

Grand Prize: Luke Bartl , Augustana University

The Genetic Origin of a Rare Mitochondrial Disorder

Honorable Mention: Troy Hollinsworth, Augustana University

SBAP-Linked Bioconjugation of Oligonucleotides to Quantum Dots

Honorable Mention: McKayla Poppens, Augustana University

Tracking gender differences in a mouse model of CLN6-Batten disease

GRADUATE STUDENT/POST-DOC

Grand Prize: Pratiksha KC, South Dakota State University

Elucidating the roles of repressor ARFs in soybean nodule development

Honorable Mention: Krishnan Veluswamy, South Dakota School of Mines and Technology

Thermoplastic fiber reinforced composites

Honorable Mention: Sadikshya Aryal, South Dakota State University

A step for sustainable solution of nutrient deficiency

Honorable Mention: Mohamed Elfaruk, South Dakota State University

Sweetpotato enriched wheat bread: A step towards addressing Vitamin A deficiency

Honorable Mention: Ishara Ratnayake, South Dakota School of Mines & Technology

Subcellular characterization of Notch signaling deficient kidney epithelium using transmission electron microscopy