

## Browning Public Schools, District #9

### Trustee Resolution

BE IT RESOLVED, the Board of Trustees for School District No. 9, Glacier County, State of Montana supports responsible research that helps the district work towards fulfillment of its mission.

Browning Public Schools works with all stakeholders - families, students, staff, trustees and community - to provide a high quality, culturally diverse education for all our children using guidance, teaching, and support through collaboration and communication.

The Board of Trustees is aware of the research to be conducted by Ty Show, Tony Hartshorn and Jamie Cornish and that Browning Middle School supports their efforts. Ty Show is an enrolled member of the Blackfeet Tribe and attended Browning public schools. This research is intended to investigate whether using more indigenous knowledge in our middle school will improve student learning outcomes.

Specifically, they will be testing whether the use of Native knowledge societies will enhance students' interest and engagement in STEM. They will be working with classes as part of the normal school day and using both Western-based and Native-based lesson plans. If the lessons and pedagogical techniques are effective we will consider integrating them into our curriculum in future years as well.

This research will be conducted using funds from a **NASA** grant that seeks to engage students from diverse backgrounds in learning more about science. Tony Hartshorn, Ph.D. a professor in the MSU Land Resources and Environmental Sciences Department and Jamie Cornish, Ph.D. a science outreach specialist in the MSU Academic Technology and Outreach division will oversee the project.

Brian Gallup

Name of Board Chair



Signature of Board Chair

Stacy Edwards

Name of District Clerk



Signature of District Clerk

DATED THIS 27th day of February, 2019

# Browning Public Schools

129 First Avenue S.E.  
P.O. Box 610  
Browning, MT 59417  
Phone: (406) 338-2715 ♦ Fax: (406) 338-2708



March 13, 2019

Blackfeet Community College  
Blackfeet Nation IRB  
Attn: Dr. Brad Hall, Chairperson,  
PO Box 819  
Browning, MT 59417

Dear Dr. Hall and Members of the Blackfeet Nation IRB Committee:

This letter is to confirm that Browning Middle School is aware of the research to be conducted by Ty Show, Tony Hartshorn and Jamie Cornish and that the school supports their efforts. Ty Show is an enrolled member of the Blackfeet Tribe and attended Browning Public Schools. This research is intended to investigate whether using more indigenous knowledge in our middle school will improve student learning outcomes.

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Sincerely,

Corrina Guardipee-Hall, ED.S.  
Superintendent, Browning Public Schools

# **Browning Public Schools**

## **Browning Middle School**

900 South Piegan Street  
P.O. BOX 789  
Browning, MT 59417  
Phone: 406-338-2725 x Fax: 406-338-5320

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March 19, 2019

Blackfeet Community College  
Blackfeet Nation IRB, Attn: Dr. Brad Hall, Chairperson  
PO Box 819, Browning, MT 59417

Dear Dr. Hall and Members of the Blackfeet Nation IRB Committee:

This letter is to confirm that Browning Middle School is aware of the research to be conducted by Ty Show, Tony Hartshorn and Jamie Cornish and that the school supports their efforts. Ty Show is an enrolled member of the Blackfeet Tribe and attended Browning Public Schools. This research is intended to investigate whether using more indigenous knowledge in our middle school will improve student learning outcomes.

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Sincerely,



Dennis Juneau, Principal of Browning Middle School

# Browning Public Schools

## Browning Middle School

900 South Piegan Street

P.O. BOX 789

Browning, MT 59417

Phone: 406-338-2725 · Fax: 406-338-5320



April 10, 2019

Blackfeet Community College  
Blackfeet Nation IRB, Attn: Dr. Brad Hall, Chairperson  
PO Box 819, Browning, MT 59417

Dear Dr. Hall and Members of the Blackfeet Nation IRB Committee:

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The responsibility of the selected teachers is to become a society leader (to be used for classrooms and time scheduling of society doings), administer and facilitate the pre-post surveys, complete a teacher survey after each lesson in completed in their classroom, for a total of 4 surveys after 4 lessons, and participate in the "Current issues day" with the students by facilitating the research conducted by the students on the internet. The MSU team will provide guidelines in advance to help with instructional planning. The selected class teachers have agreed to the current survey provided by the MSU team to analyze attitudes towards STEM after participating in "*Transfer of Knowledge*."

Sincerely the **Current Issues & Educational Component** of "*Transfer of Knowledge*",

Four handwritten signatures in blue ink, stacked vertically. The first signature is 'Tracy Momberg', the second is 'Ansel Traynor', the third is 'Jodie Goss', and the fourth is 'Racquel LittlePlume'.

Tracy Momberg, Browning Middle School Teacher

Ansel Traynor, Browning Middle School Teacher

Jodie Goss, Browning Middle School Teacher

Racquel LittlePlume, Browning Middle School Teacher