

CHIEF DULL KNIFE COLLEGE
P.O. BOX 98
LAME DEER, MT 59043

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**THE BEST TIME FOR
NEW BEGINNINGS
.... IS NOW ”**

**CDKC HAS A SAFE
CAMPUS OFFERING FACE-
TO-FACE CLASSES, AND IS
COMPLETELY FREE!!**

**After Fulfilling Conditions*



Spring Class

Schedule Inside

ALL CLASSES DAYTIME AND EVENING

*Many before you have invested in the Journey to bring you to this place and time.
How will you honor their investment?*

Now is the Time to Begin.

Have you been wondering what to do this spring?

Does Face-to-Face instruction appeal to you?

If you are ready to start your college career, Chief Dull Knife College has a number of great opportunities to help get you started. Come in to the college and see how easy it is to get started or to continue your education. All credits from Chief Dull Knife College are aligned with and transferrable to every unit of the Montana University System. We do SAFE face to face “in person” instruction.

In This Edition

- ♦ Building a Safe Campus2
- ♦ Student Opportunities4-5
- ♦ Wingtra Drone.....6
- ♦ Water Quality Research.....7
- ♦ Weather Station8
- ♦ Greenhouse.....9
- ♦ Course Schedule.....10-11
- ♦ West Nile Research.....12
- ♦ Rock On.....13
- ♦ 3D Printing.....14
- ♦ New Faces.....15
- ♦ Early Childhood Ed.....16
- ♦ Changing Places.....17
- ♦ Umbilical Cord.....18
- ♦ Opportunities.....19

406-477-6215

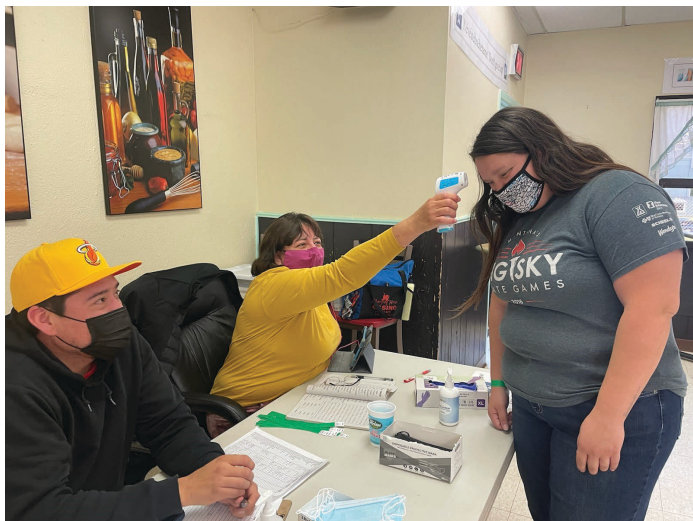
www.cdkc.edu

Edited By Jeff Hooker

A Safe Campus for “Face-to-Face” Education



The COVID-19 pandemic has brought an entire set of new challenges for the maintenance department. They have worked hard to establish protocols and procedures to keep students safe.



Opportunities at Chief Dull Knife College

- ♦ **FREE LUNCH** - Free lunch every school day. Enjoy \$10 in lunch credit at our on-site cafeteria.
- ♦ **FREE BOOKS** - No need to run up a bill like other colleges. All books are free and some supplies are also discounted
- ♦ **GET SQUARE WITH FEDERAL FINANCIAL AID** – Complete a “semester on your own” as required by Federal Financial Aid agencies if you are on academic suspension.
- ♦ **NO STUDENT DENIED BECAUSE OF PREVIOUS BILL AT COLLEGE** - Have a past bill with the college? That is not a problem for this school year. Come and enroll, you will not be denied.
- ♦ **INTERNSHIPS AVAILABLE IN STEM AND OTHER AREAS** - Work up to 10 hours per week as an intern and make as much as \$15 per hour.
- ♦ **TUTOR POSITIONS AVAILABLE** - Tutor other students and make up to \$15 per hour
- ♦ **SCHOLARSHIPS AVAILABLE** - Scholarships are available from a wide variety of sources for Native and Non-Native students \$500 - \$1500
- ♦ **AMERICAN INDIAN COLLEGE FUND SCHOLARSHIP** - Guaranteed for every Native American student. \$500 PER SEMESTER. Even non Pell eligible.
- ♦ **FEDERAL WORK STUDY AVAILABLE** - Available for all students in good standing with the Federal Agencies (see above for help with

Cheyenne Belief Regarding the Umbilical Cord

Written by Jenny Parker, adapted slightly by Clara Caufield (indicated by italics, based upon conversations with elders, including Jenny. Approving this piece, she advised, “Fix it up a little bit.”

In the past when a woman was carrying an unborn child, she would talk and sing to the baby. The mother was very careful of things that she ate as well as what she handled so as not to bring harm to her child. The mother would explain what she was doing to let the child know that it was loved and wanted. When the child was born, the parents asked an elder to come and talk to their baby about the different modes of life to encourage the child to grow up to be a good person as an adult.

The umbilical cord is the connection to the mother. After the cord dried and fell off, it was put in a buckskin pouch *decorated with symbolic beadwork*. The turtle represents man and that lizard represents woman. The turtle represents long life and its slowness represents the hardships of the provider as they must take time to reflect upon decisions *which affect the welfare of their relatives and the Tribe as a whole*.

The lizard represents endurance. A woman must adapt to different modes of life: *first a baby, then a girl, granddaughter, niece, friend, eventually themselves becoming a mother, auntie, and finally a grandmother, in charge of teaching*. Like the Chameleon that changes its color, women must adapt to their ever-changing environment and what life brings.



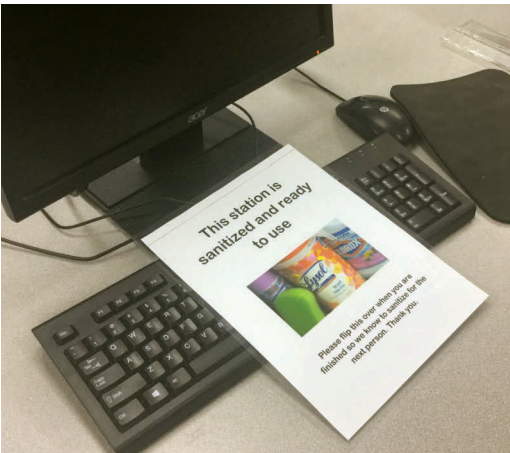
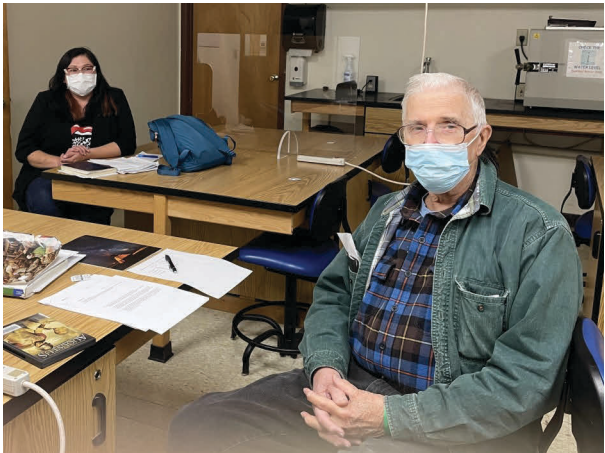
“Cheyenne Woman and child” by Edward Curtis.

Image: US Library of Congress



A Safe Campus for “Face-to-Face” Education

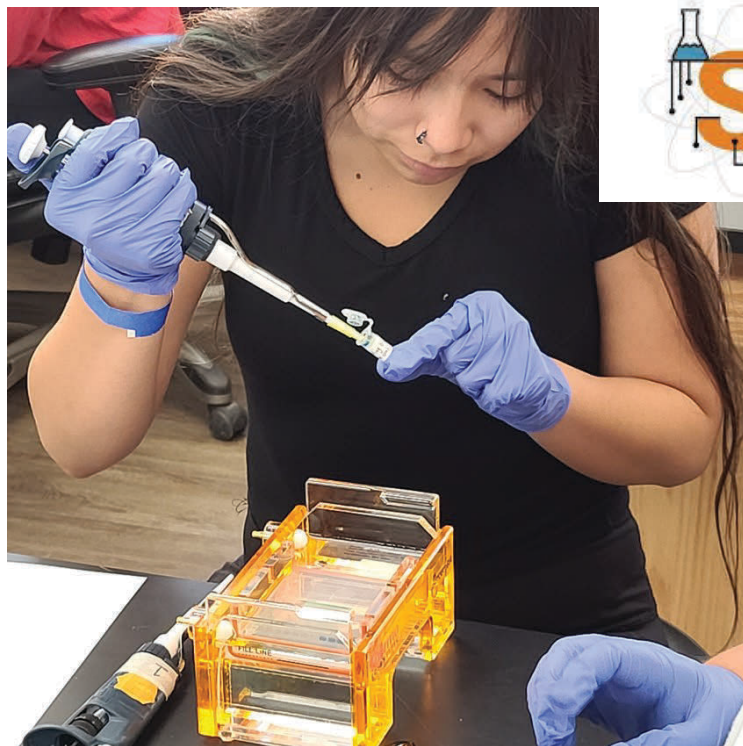
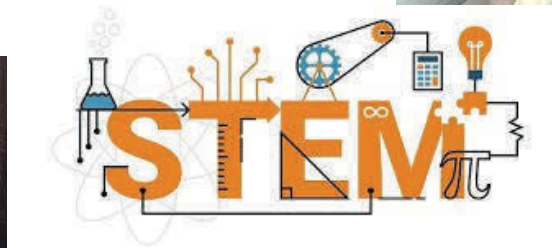
Students, staff and faculty are our number one concern during this Covid-19 Pandemic. All visitors to campus are “temped” at the door and provided a mask if they do not have one. Hand sanitizers are available in numerous locations as you enter the building. Only two entrances to the building are open and both are monitored by personnel. Each classroom has been arranged to separate students from potential contact with others. Plexiglas dividers are installed in most rooms to aid in separating individuals. Masks are required for everyone on campus; faculty, staff and students.



A Safe Campus for “Face-to-Face” Education

MSU Bozeman and CDKC Interns

Students had the opportunity to work with Christa Merzdorf and Jen Forecki on two different occasions. Christa is an associate professor in Cell Biology and Neuroscience at MSU Bozeman, and Jen is a post-doctoral researcher. On the first occasion, the CDKC interns traveled to Bozeman, where they spent a week studying the effects of contaminants on Zebrafish development. Zebrafish have the unique characteristic of going from an embryo to a fully developed organism in five days. This allows researchers the opportunity to observe changes caused when an outside contaminant is introduced.



Changing Places on Campus

Doug Gaskill is moving into a full-time position as the Addiction Studies and Social Science instructor. Doug has been an adjunct professor for the college since 1993. Come by and visit with Doug if you are interested in taking classes in Addiction Studies/Counseling or other social science courses.



Jeffrey Roundstone recently transferred to the IT department. Jeffrey has been a valuable asset in our maintenance department for the past seven years. He is now an IT Paraprofessional. Jeffrey will be providing support and assistance with technology for students and staff. Stop in and see Jeffrey and get some help with your technology needs.

STUDENT SUCCESS

We Are Committed to Your Success

Earn a Bachelor Degree in Early Childhood Education



Chief Dull Knife College is happy to announce that you can earn a Bachelor's Degree in Early Childhood Education through our partnership with Salish Kootenai College (SKC). You will complete your first two years of work at CDKC and your second two years of work online through SKC with the support of CDKC. You do not have to relocate or quit your current job to become a certified teacher.

The mission of the Early Childhood Education Program is to graduate teacher candidates who demonstrate competency in professional knowledge, skills, attitudes, and values.

You will be prepared to work in diverse and inclusive early childhood settings and demonstrate cultural competence and sensitivity as early childhood practitioners. Career opportunities include assistant teacher or teacher in private or public early childhood center, Head Start and family childcare settings, paraprofessional or teacher in a Prekindergarten

through 3rd-grade classroom. The Montana Board of Public Education accredits this program.

CDKC is currently partnering with the Head Start Program helping their teachers earn their Bachelor's Degree in Early Childhood Education. We have offered additional support to the Head Start program through our grant by purchasing learning materials for their classrooms.

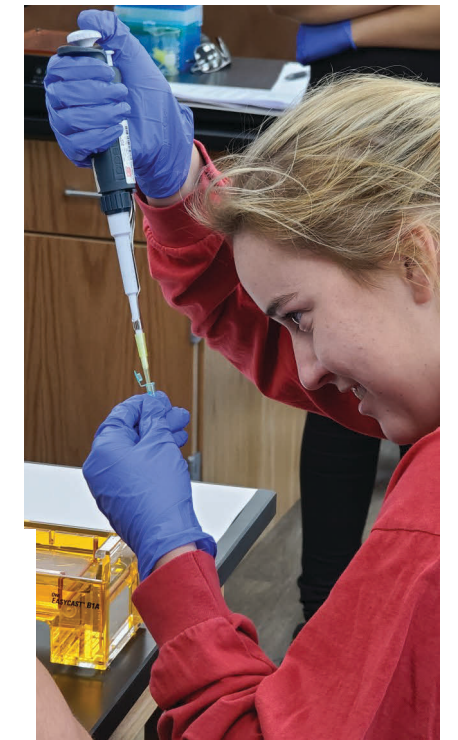
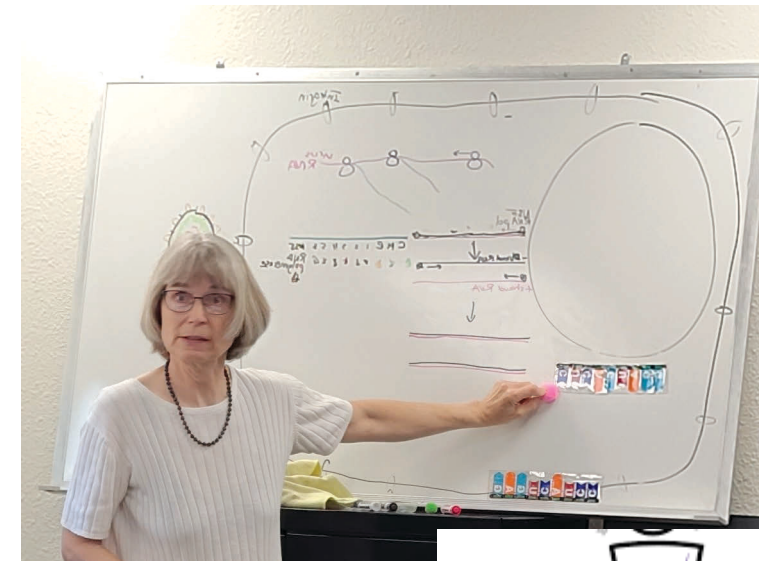
The college recently hired Sheila Denny to help teach the Early Childhood Courses. Sheila has taught for over two decades teaching at St. Labre, Lame Deer, and Colstrip.

If you are interested in being part of this educational opportunity, please get in touch with Angie Hedges at 406-477-6215 ext:154




MSU Bozeman and CDKC Interns

The second opportunity for the student work with Christa and Jen was later in the summer when Christa and Jen traveled to Chief Dull Knife College and a week working with the interns in the CDKC Research Lab. During this time, the research focused on West Nile and COVID viruses.



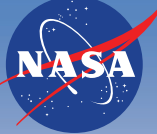
Wingtra Drone

This summer, two interns, Calvin Russette and Alex Garcia, were chosen to be in the STEM drone program. The students programmed the Wingtra Pilot for all parameters, did a full safety check on the drone, then initiated the launch sequence for the flight. The students compared the two photo system to check for anomalies in the plant growth or ground topography. By the end of the eight weeks' summer class, both students could fly and process drone data with little oversight.





Wingtra drone

By Calvin Russette & Alexzander Garcia




First we take offline elevation data to ensure that we are flying the drone at the correct altitude. On-site we plot a flight path for the drone to take multiple photos over the designated area we want.






After the drone flight, we take the data and process it into a 3D map of the area we plotted. The map shows the different levels of elevation in a color.



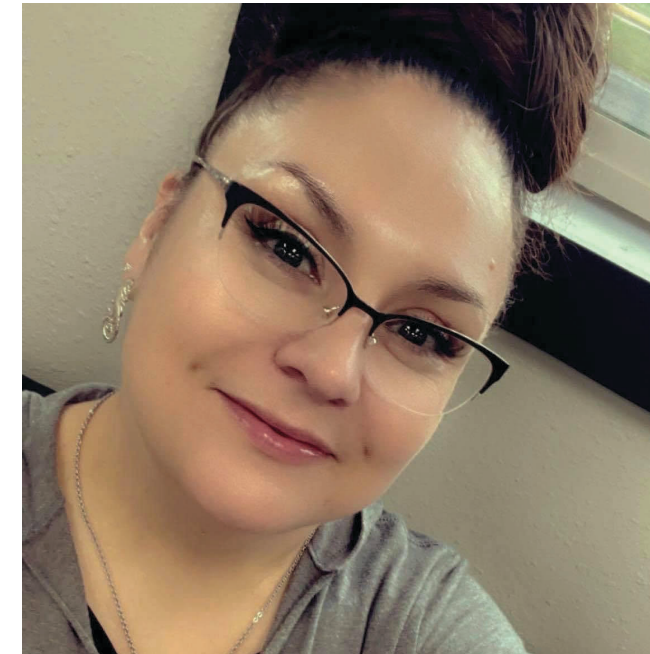
Before we launch the drone into the air we run through a pre-flight checklist.

- Offline elevation data
- Flight systems check (flaps, propeller)
- Ensure no one is within 15ft



406-477-6215
Ext-159 Butch Kasubick

New Faces on Campus



Stop in and see Sunshine Curlee the new Financial Aid Officer. Sunshine will provide you with information and services regarding opportunities to help you finance the cost of your education at CDKC. Sunshine understands that financial assistance is an important key to helping reach your educational and career goals. She is dedicated to making the financial aid process as straightforward as possible.

We are pleased to introduce Leslie Small and Nadine Weaselbear.

Leslie is the new Registrar assistant. Leslie is committed to helping students transform their lives by creating opportunity through education. She is here to help you with your registration needs.

Nadine is working in the bookstore. Nadine has the bookstore stocked with the textbooks, materials and supplies that students need to succeed in their classes.



STUDENT SUCCESS

3-D Printing

Think It...Build It

Student
Opportunity

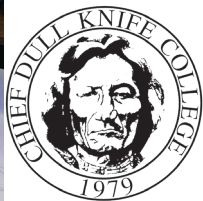
You
are
allowed
to
change

#REINVENTYOURSELF

CDKC
FALL
2020

3-D printing allows designers to create physical objects in plastic from computer drawings. In industry this process is called rapid prototyping. Students gain exposure to various types of rapid prototyping and develop skills in designing objects through the use of Computer Aided Design and 3-Dimensional Modeling software. They will then be able to convert their ideas into solid, physical objects.

The main tool for doing this is 3D Design and Modeling software. Designs are often shared with other printers through web sites such as *Thingiverse*.



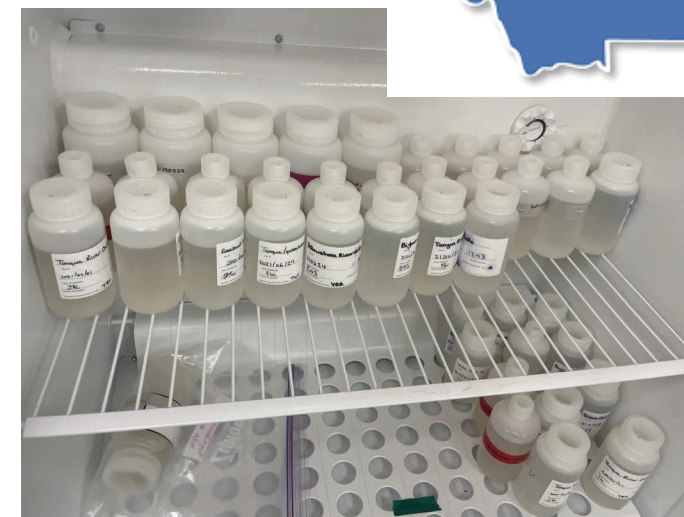
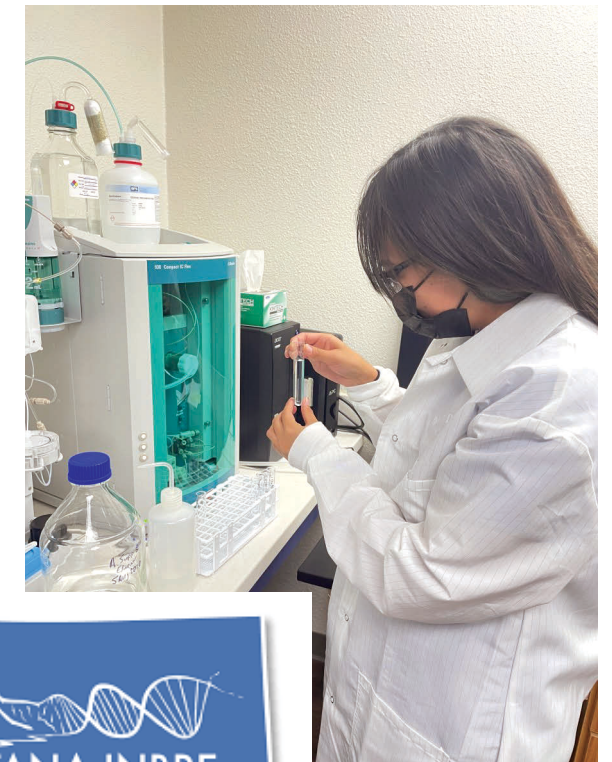
Even with a good design and careful setup in the Slicer software things can go wrong with the print. The printer must be watched throughout the printing process to avoid wasting materials by stopping the print if something should go wrong. 3D printing is a rapidly growing field. Every month new and better printers become available. At the same time the cost of these machines gets lower. The lower costs make 3D



406-477-6215
Ext-134 Dan Pleier

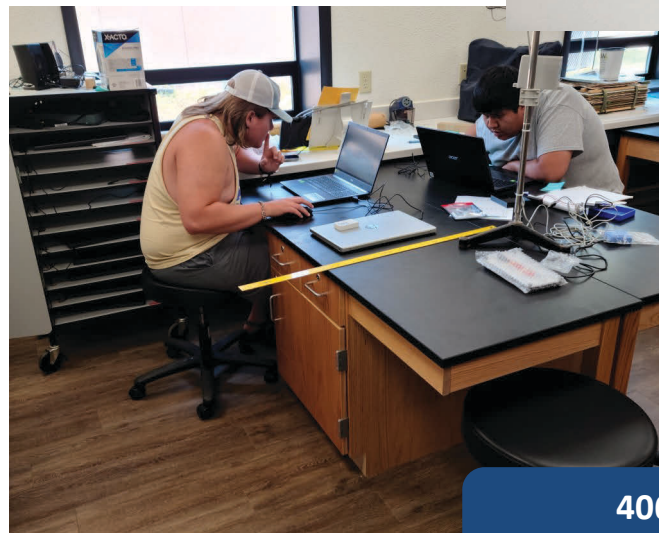
Lake and River Water Sampling

Florence Whiteman and Jaylen Kinzel were the two interns that conducted the water sampling. They traveled to different locations and collected water samples using a YSI probe meter and a water pump. The samples were tested, at the CDKC water lab, using Ion chromatography to determine anion concentrations.



Weather Station Powered by Micro: bit

Davin Littlewhiteman and Jett Harris were the two interns that made a weather station that was powered by Micro: bit. The first step of their project was the coding process of their Micro: bit. They coded it for wind speed, direction, precipitation, humidity, temperature, and pressure. They then assembled the Micro: bit components and built their weather station. They used a 3D printer to make a box that protected their Micro: bit from the weather. They then mounted the completed weather station on the college campus and began collecting their data.

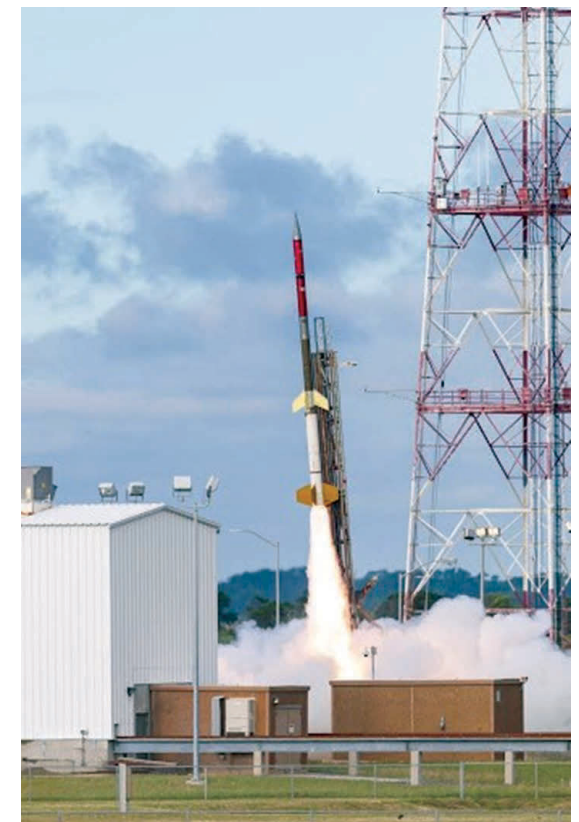
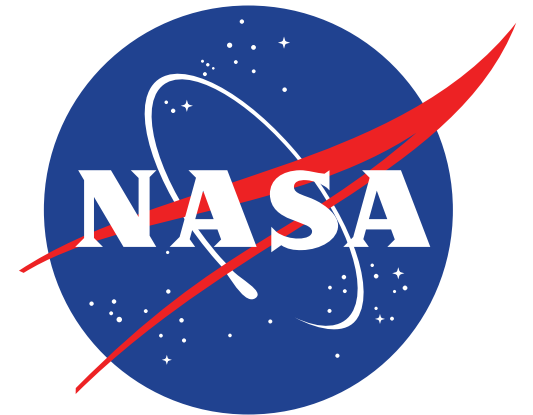
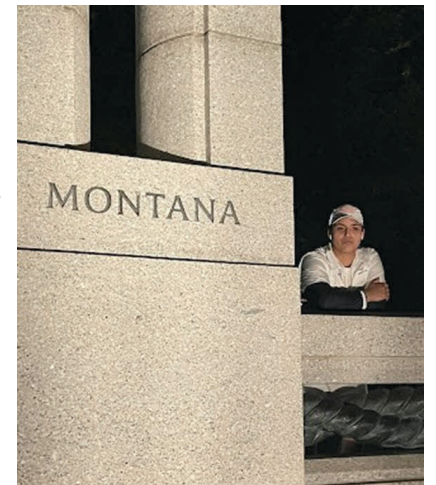


406-477-6215
Ext-146 Dale DeCock

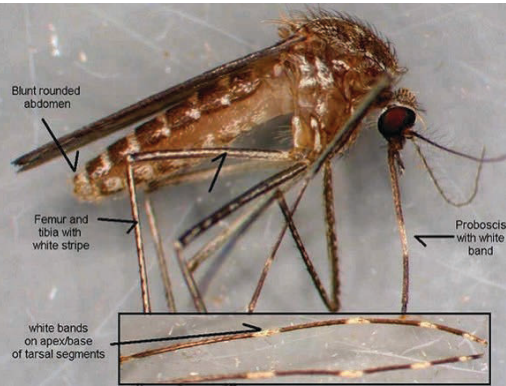
Rock On 2021 with NASA



Jett Harris, Calvin Russette, Alex Garcia, and Davin Littlewhiteman traveled to Washington D.C. and got to tour the National Mall. They also went to Chincoteague Island, Va, where they met Joyce Winterton, an educational instructor from NASA. The interns witnessed the Terrier-Improved Orion-sounding rocket launch from NASA's Wallops Flight Facility. The rocket housed the payloads that the interns built.



West Nile Research



Interns Tashia Jefferson, Zylar Vekese, and Alannah Blackwolf traced the popularity of the West Nile Virus on the Northern Cheyenne Reservation. They used mosquito traps to collect and identify the carriers of the West Nile Virus. Once they identified the mosquitoes that are carriers of the West Nile Virus we prepare them for testing using state of the art technology and equipment.

Isolating and preparing mosquito RNA for analysis in our Q-PCR machine. Testing and detection of the West Nile Virus is done by transforming mosquito RNA into DNA and then replicating the DNA into measureable quantities for analysis.

Analysis of the samples involves scientific methods such as: maceration of mosquitoes (we call it making “Mosquito Smoothies”) titration, centrifuging, Q-PCR, and computer. Most of our laboratory work is done in full protective gear to protect our samples from being infected by our own DNA. Students learn procedures, protocols, techniques, and are trained to operate the scientific equipment that is used in labs by professional researchers.



406-477-6215
Ext-139 Dianna Hooker

Green House & Hydroponics

Interns Ethan Spang and Dylan McConnell planted various seeds to go into the greenhouse. The seedlings stayed in the greenhouse until they were large enough to transplant into soil beds or hydroponic net cups. Ethan and Dylan constructed the hydroponics system out of PVC pipes. They used a water pump to move the nutrient-rich water that helped the plants grow.



406-477-6215
Ext-116 Gary Ramsey

CHIEF DULL KNIFE COLLEGE

REGISTRATION OPEN NOW!

CLASSES BEGIN JANUARY 10, 2022

NIGHT CLASSES ARE FREE

For More Information Call 406 477-6215

COURSE		DAYS	TIME	CREDITS	ROOM	INSTRUCTOR	
ART							
AC 150	Foundations of Art	Night	TTH	10:30 - 12:00	3	205	G Nightwalker
AC 154	Introduction to Photography		W	5:00 - 7:30	3	206	J Ditonno
AC 169	Introduction to Acrylic Painting		TTH	2:30 - 4:00	3	205	A Crow
Addiction Studies							
AD 253	Case Management	Night	W	5:30 - 8:00	3	208	Farris
AD 285	Behavioral Pharmacology	Night	TH	5:30 - 8:00	3	208	Staff
AD 296	Gambling and Co-occurring		TTH	10:30 - 12:05	4	208	Gaskill
Agricultural Science							
AG 100	Introduction to Welding		TTH	9:00 - 10:30	3	Shop	J Hafer
AG 202	Intermediate Welding		TTH	1:00 - 2:30	3	Shop	J Hafer
AG 260	Equine Science		MWF	11:00 - 11:55	3	208	J Hafer
AG 265	Feeds and Feeding		MWF	2:00 - 2:55	3	208	J Hafer
AG 275	Farm and Ranch Management		MWF	3:00 - 3:55	3	208	J Hafer
Allied Health							
AH 250	Nutrition		TTH	5:30 - 7:00	3	210	B Stiff
AH 255	Human Life Cycle		TTH	10:30 - 12:00	3	126	S Denny
Business							
BU 152	Principles of Accounting II		TTH	1:00 - 2:35	3	306	S Neiman
BU 250	Business Communication		TTH	10:30 - 12:00	3	306	S Neiman
BU 260	Management		TTH	9:00 - 10:30	3	126	S Neiman
Cheyenne Studies							
CH 120	Plains Indian Sign Language	Night	T	5:30 - 8:00	3	122	H Blackwolf
CH 151	Cheyenne Beadwork I		TTH	3:00 - 4:30	3	122	E Highbull
CH 161-01	Cheyenne Language I		MWF	9:00 - 9:55	3	122	B Medicinebull
CH 161-02	Cheyenne Language I		TTH	10:30 - 12:00	3	122	B Medicinebull
CH 162-01	Cheyenne Language II		TTH	9:00 - 10:30	3	122	B Medicinebull
CH 162-02	Cheyenne Language II	Online	Online				B Medicinebull
CH 205	Conversational Cheyenne		MWF	10:00 - 10:55	3	122	B Medicinebull
CH 262	Cheyenne Language IV		MWF	1:00 - 1:55	3	122	B Medicinebull
CH 270	History of the Cheyenne People		MWF	9:00 - 9:55	3	121	G Nightwalker
CH 291	Writing Cheyenne I		TTH	2:30 - 4:00	3	121	Littlebear
Communication Arts							
CA 071-076	English Skills Seminar		MWF	9:00 - 9:55	1	202	K Bertin
CA 071-076	English Skills Seminar		MWF	10:00 - 10:55	1	202	K Bertin
CA 095	Language Skills Seminar		MWF	10:00 - 10:55	3	126	T Rollefson
CA 151	College Writing I		MWF	11:00 - 11:55	3	202	K Bertin
CA 161	Inrotduction to Intercultural Communication		TTh	2:30 - 4:00	3	202	K Bertin
CA 165	Introduction to Public Speaking		TTh	1:00 - 2:30	3	205	K Bertin
CA 251	College Writing II		MWF	2:00 - 2:55	3	207	A Hedges
Computer Science							
CS 151	Word Processing		MWF	9:00 - 9:55	3	206	D Pleier
CS 156	Spreadsheets		MWF	9:00 - 9:55	3	206	D Pleier
CS 157	Desktop Publishing		TTH	10:30 - 12:00	3	206	D Pleier
CS 159	Powerpoint and Multimedia		TTH	1:00 - 2:30	3	206	D Pleier
CS 162	Fundamentals of Computer Applications		MWF	11:00 - 11:55	3	206	D Pleier
CS 291	3D Printing and Design		TTH	2:30 - 4:00	3	206	D Pleier

SPRING 2022 SCHEDULE

COURSE		DAYS	TIME	CREDITS	ROOM	INSTRUCTOR	
Education							
ED 150	Society, Schools and Teachers	MWF	9:00 - 9:55	3	306	S Denny	
ED 170	American Indian Education	MWF	11:00 - 11:55	3	205	T Rollefson	
ED 250	Educational Psychology	MWF	10:00 - 10:55	3	208	D Gaskill	
ED 255	Introduction to Early Childhood Education	TTH	9:00 - 10:30	3	208	S Denny	
ED 260	Intro to the Education of Exceptional Children	Night	T	5:30 - 7:00	3	121	S Denny
History							
HS 152	Western Civilization II	TTH	9:00 - 10:30	3	205	T Rollefson	
HS 252	US History II	MWF	11:00 - 11:55	3	122	B Briggs	
Mathematics							
MA 071-079-01	Math Skills Seminar	MTWTh	9:00 - 9:55	1	115	BHR	
MA 071-079-02	Math Skills Seminar	MTWTh	10:00 - 10:55	1	115	BHR	
MA 071-079 -03	Math Skills Seminar	MTWTh	11:00 - 11:55	1	115	BHR	
MA 071-079-04	Math Skills Seminar	MTWTh	1:00 - 1:55	1	115	BHR	
MA 071-079-05	Math Skills Seminar	MTWTh	2:00 - 2:55	1	115	BHR	
MA 071-079-06	Math Skills Seminar	MTWTh	3:00 - 3:55	1	115	BHR	
MA 131	Business Math	MWF	1:00 - 1:55	3	306	J Bertin	
MA 156	Contemporary Math	MTWTh	11:00 - 11:55	3	121	D Hooker	
MA 253	Pre Calculus	MTWTh	10:00 - 10:55	4	306	J Bertin	
MA 255	Statistical Methods	MTWTh	3:00 - 3:55	4	306	G Ramsey	
Music							
MU 150	Music Appreciation	Night	M	6:00 - 8:30	3	121	P Maloney
Native American Studies							
NS 150	Intro to Native American Studies	TTH	9:00 - 10:30	3	121	G Nightwalker	
NS 155	Social Issues of the Native American	TTH	1:00 - 2:30	3	121	G Nightwalker	
NS 251	Law and the American Indian	MWF	2:00 - 2:55	3	121	G Nightwalker	
NS 252	Intro to Native Amerriican Literature	MWF	1:00 - 1:55	3	121	G Nightwalker	
Philosophy							
PH 150	Introduction to Philosophy	MWF	1:00 - 1:55	3	202	K Bertin	
Political Science							
PS 160	American Political Systems	TTh	2:30 - 4:00	3	126	T Rollefson	
Psychology							
PY 150	Introduction to Psychology	COLSTRIP	W	6:00 - 8:30	3	CHS	D Gaskill
PY 160	Introduction to Psychological Research	MWF	9:00 - 9:55	3	208	D Gaskill	
PY 250	Social Psychology	MWF	1:00 - 1:55	3	208	D Gaskill	
Science							
SC 152	Introductory Ecology	MWF	1:00 - 1:55	3	209	D DeCock	
SC 158	Discover Biology	MWF	1:00 - 1:55	4	210	B Stiff	
	Lab	T	1:00 - 3:00		210		
SC 161	Principles of Living Systems	MWF	11:00 - 11:55	4	210	B Stiff	
	Lab	TH	11:00 - 1:00		210		
SC 171	Introduction to General Chemistry	MTF	11:00 - 11:55	4	209	D DeCock	
	Lab	TH	11:00 - 1:00		209		
SC 172	Into to Organic and Biochemistry	MThF	9:00 - 9:55	4	209	D DeCock	
	Lab	T	9:00 - 11:00		209		
SC 264	A&P II	MWF	9:00 - 9:55	4	210	B Stiff	
	Lab	T	9:00 - 11:00		210		
Social Science							
SS 152	Social Problems/Social Wlfare	TTH	2:30 - 4:00	3	121	DGaskill	
SS 250	Introdiction to Cultural Anthropology	TTH	1:00 - 2:30	3	208	T Rollefson	
SS 256	Introduction to Anthropology	MWF	2:00 - 2:55	3	121	T Rollefson	