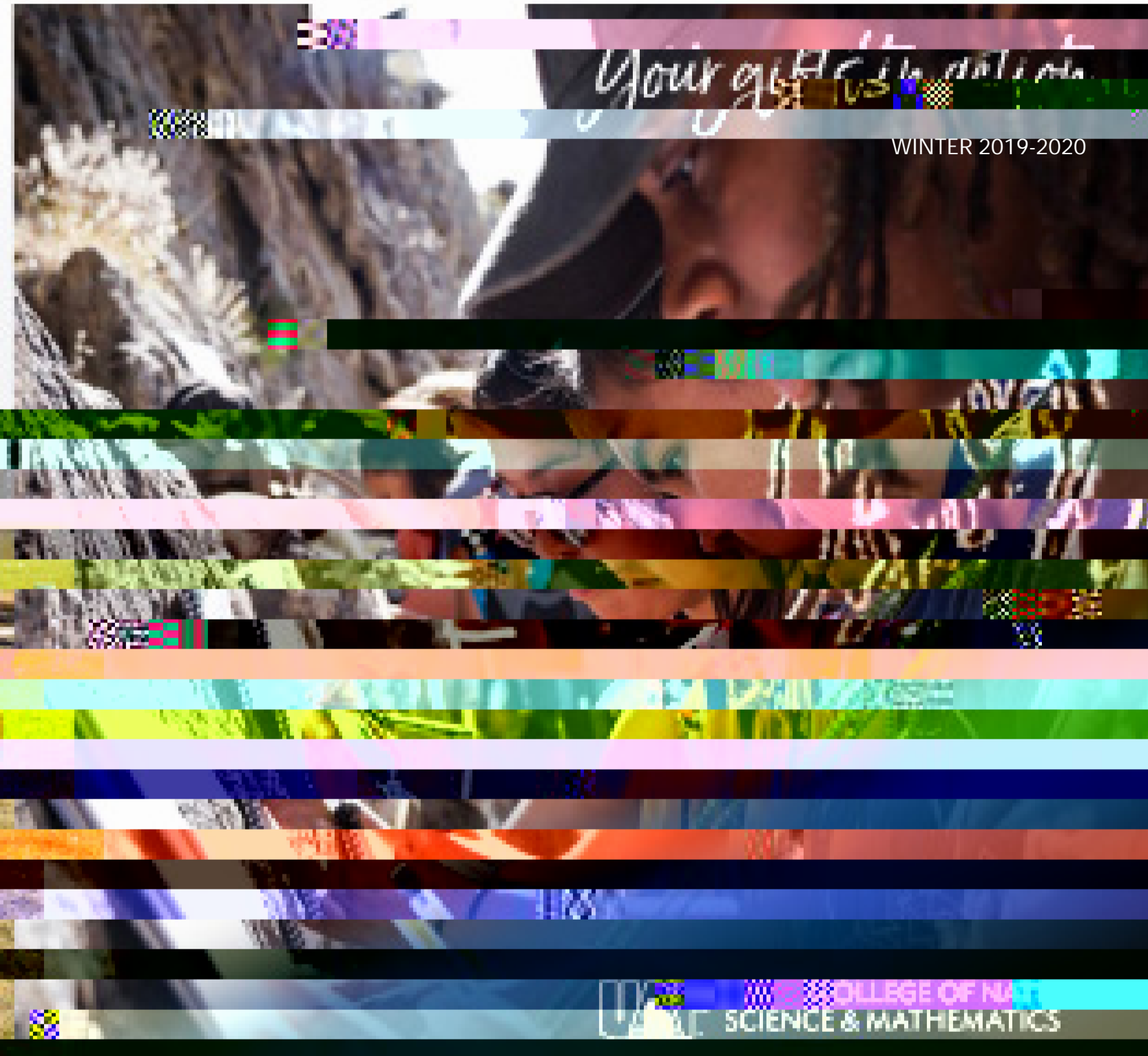


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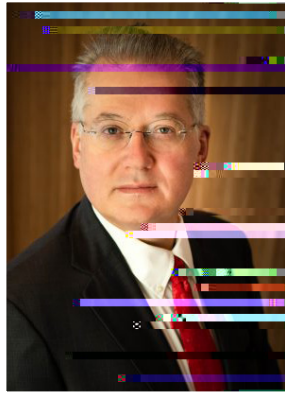
# WINTER

Your gift to the planet

WINTER 2019-2020



Cover: GeoFORCE Alaska students describe sedimentary rocks at Dinosaur National Monument in Utah. Photo by Leif Van Cise. Back cover: Natural Resources and Environment students participate in the Forest Festival, on UAF campus this fall. Photo by JR Ancheta.



## Message from the Dean

*Kinchel C. Doerner*

Hello CNSM Supporter,

It has been quite a year! The pandemic sent all of our students home at Spring Break last March

and our faculty scrambling to convert all of our courses to distance delivery. This is unprecedented in the history of the college. The Fall semester has brought a little normalcy back to campus with many classes returning to face-to-face delivery but with a lot fewer students allowed in the classroom. However, we are still principally teaching at a distance. Our faculty and students have resumed much of their research in the labs and the field. Campus is buzzing again. Spring semester will be similar to this Fall as we will need to keep our hygiene procedures in place.

These last few months have been trying for everyone, faculty, staff and students alike. In times like these you find out where the weak spots are and I can honestly say that everyone rose to the challenge. And we are very thankful for the contributions each and every one of you has made toward our success.

This newsletter is to let you know what we are up to! Enjoy. Everyone here at CNSM is wishing you and your family a joyous upcoming holiday season.

Stay safe!

## Ocean Monitoring in Kake, AK

### Partnership provides data sovereignty and workforce development in Kake

During the summer of 2020, the Organized Village of Kake, Kake Tribal Corporation, the City of Kake, and the Alaska Center for Climate Assessment and Policy at the University of Alaska Fairbanks began an ocean monitoring program in Kake, AK. Team members collected samples of ocean water and mussel tissue in and around Kake and tested for climate and pollution indicators. The project topic and design of this work came from the local leadership in Kake. Fourteen of the fifteen total members of the (paid) field sampling team during 2020 were Kake residents. Data is being archived for use with future comparisons. In these ways, this partnership is able to conduct high quality climate research while upholding data sovereignty for the tribe and providing workforce development opportunities in rural Alaska.

## Exploration of aurora & power outages

### UAF will partner with high schools across Alaska in citizen science investigation

UAF scientists started an educational school throughout Alaska