



North Dakota Agricultural Geospatial Education
Training (ND-AgGET) Grant Application for Teacher
Participation

Partnership between Bismarck State College (BSC) and
the North Dakota Geographic Alliance (NDGA)

The primary goal of the North Dakota Agricultural Geospatial Education Training (ND-AgGET) is to provide an intensive K-14 teacher professional development training in agricultural applications with Unmanned Aerial Systems (UAS/drones) in North Dakota. This training will culminate in teachers developing a lesson plan that will be available as an open education resource to teachers across North Dakota and beyond our state borders.

This four-day workshop will be held on the campus of BSC August 1st – 4th, 2022.

The first class (Cohort 1) will be limited to 20 K-14 teachers who teach at North Dakota schools. There will be a selection process to determine the class participants. Applications will be reviewed by a selection committee. **Teachers who are selected will be notified by January 15th.**

If chosen participants will receive the following:

1. One small drone which should be taken back to their school/classroom for use by students and teachers interested in drone technology.
2. Up to three continuing education credits from Minot State College.
3. Lodging at the Quality Inn Bismarck.
4. Meals provided.
5. Teachers who attend the workshop will receive a stipend to attend the training, and a stipend upon completion of the lesson plan deliverable.
6. Intensive training by national leaders in UAS, leadership development, curriculum development, and local experts.

To successfully complete the training teachers must agree to:

1. Complete an online pre-training class on flying a drone. Equipment will be provided that the teacher can keep after the training is complete.
2. Attend 40 hours of training which will include classroom training as well as in the field flying experiences.
3. Develop a lesson plan for use in their classroom and beyond.
4. Attend a monthly zoom call beginning in fall 2022 to share ideas and challenges.
5. Attend a follow-up two-day workshop in Bismarck in the summer of 2024 to share with other participants how they are using a drone in their classroom, student impacts, etc.



This work is supported by the Agriculture and Food Research Initiative's Professional Development for Agricultural Literacy, grant no. 2021-67038-34276, from the USDA National Institute of Food and Agriculture

ND-AgGET (Cohort 1) Application Form – Summer 2022

Name _____
(First Name) (Middle Initial) (Last Name)

Home Address _____
City State Zip

Home/Cell phone _____ Work phone _____

E-mail address _____

School Name _____

School Address _____
City State Zip

School Phone _____

Teaching Experience and Educational Background

Major subject area(s) _____ Grade level _____

Do you currently teach a unit or discuss a topic in your classroom that could incorporate drone technology? Yes No

Do you teach or discuss agricultural or geography related content? Yes No

Number of students in your classes (count each student only once) that would be impacted by your UAS (drone) curriculum _____

Total years of teaching experience _____

Years in present position _____

Have you participated in state social studies content standards development or local social studies curriculum development? Yes No



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Please write a short statement on why you know you are a good fit for this training and how you could see yourself using UAS technology in your classroom?

Submit your application electronically to Jeff Beck via email by 11:59pm on December 31st. Late applications will not be accepted.

Jbeck8324@gmail.com



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