



**The Northern Utah Academy for Math, Engineering & Science
Board of Trustees Meeting Minutes**

10:00 am – Meeting Via ZOOM – May 11, 2022

Conducting: Sue Johnson – Board President

Attending: Sue Johnson, Linda Carver, Elizabeth Veillon, Dave Ferro, Laurie Larsen, Kelli Booth, Nate Taggart, Dawn Winter, Steve Davis, Brenda Casper, MacKay Olson, Vickie Finlinson

Welcome: Sue Johnson

Action Item: Approval of Board Meeting Minutes from March 15, 2022: Sue Johnson
10-27-2020 Amendment to minutes – included TSSA framework and plan. The vote was made electronically for this and the plan was approved.

Action Item: TSSA Framework and Plan Approval for SY22: Kelli Booth
There was a discussion to reduce the non-pass rate. **Motion To approve: Lynnette Gilbert. Second: Dave Ferro. Motion for Roll Call Approval: Sue Johnson, Lynnette Gilbert, Dave Ferro, Elizabeth Veillon, Linda Carver. All in favor.**

Action Item: Trustlands Plan: Nate
Next school year, 2023, we will be awarded \$150,000 for both NUAMES campuses. Our Community Council will help us allocate these funds. This 2023 school year plans are as follows:

Davis Campus: Trust Lands Goals SY2023

- Improve STEM Education
- Improve college readiness and opportunities for online education
- Increase support of engineering programs
- Enhance credit recovery opportunities for students

North Campus: Trust Lands Goals SY2023

- Increase Math & Science Aspire Scores 5%
- 100% Graduation
- Increase 10th grade Lexile scores
- Increase ACT Score

Motion to approve trust lands: Linda Carver. Second, Dave Ferro
Roll Call Approval: Sue Johnson, Dave Ferro, Elizabeth Veillon, Linda Carver, Lynnette Gilbert. All in favor.

Action Item: Counselor Data Project: Dawn

Every year, part of participating in the Utah State School Program is that we are required to do a School Counseling program. Counselors do a survey with students. They found that stress and anxiety was impacting our students' school experience. With this survey, our counselors made goals and implemented plans. Set goals on Individual, classroom, grade, school, district level. They also set goals at the family level and community levels as.

Our counselors have worked together with social workers to increase help for students enduring mental health symptoms by increasing individual counseling. They have started at lunch and after school which are student-led. The Mindfulness program was a Senior Capstone project. Our counselors are working on increasing participation across the board.

Motion to approve the utilization of the Counselor Data Project: Sue reviewed and approved. Second, Sue Johnson. Roll call approval: Sue Johnson, Lynnette Gilbert, Linda Carver, Dave Ferro, Elizabeth Veillon. All in favor.

Recent Awards:

- **NUAMES Best of State** in Charter School Division
- **Governor’s Award/Medal for Science and Technology** awarded to Kelli Booth at the One Utah Summit

Report on Counselor Interim Review: Dawn Winter

The school counseling program requires us to have an evidence box of meeting all indicators. We participate in a review every 6 years and they require an interim review. We invited other counselors in the area to do the interim review. They left with more notes than recommendations. It went really well. We have the support of the counseling community around us. We are doing well with the counseling program and we are meeting all indicators required.

SY22 by the numbers: Dawn

We have students who are struggling – but they still rally. It’s in a different way than we would recommend.

- Total Seniors: NN: 114 ND: 234
- Associate’s Degrees: NN: 41 (36%) ND: 121 (52%)
- Scholarship Number: \$7,244,698
- Certificates of completion: 6
- CS Associate’s Degree: 13
- Math Associate’s Degree: 2

We typically have ½ of our graduating class graduating with an associate Degree. Our Seniors received \$7,204,698 in scholarship money. This year we have students attending prestigious universities such as Carnegie Melon, Emery Riddle, MIT, Stanford, and USC.

It is anticipated we will have 100% graduation rate – a few won’t walk, but they will finish up by June.

Scholarship breakdown: Kelli

BYU (North)	\$14,638.00
WSU (North)	\$854,800
USU (North)	\$181,650
U of U (North)	\$352,000
Out of State (North)	\$252,600
	\$1,655,688.00

N DAVIS	
UVU	\$30,000
Snow College	\$9,544.00
BYU (Davis)	\$40,768.00
WSU (Davis)	\$2,471,200
USU (Davis)	\$650,550
U of U (Davis)	\$944,000
SUU (Davis)	\$496,048
Westminster	\$112,000
Out of State (Davis)	\$1,386,000
Other Scholarships (Davis)	\$329,100
ND Total:	\$6,469,210

NN & ND	
UVU	\$30,000
Snow College	\$9,544.00
BYU (Davis)	\$40,768.00
BYU (North)	\$14,638.00
WSU (Davis)	\$2,471,200
WSU (North)	\$854,800
USU (Davis)	\$650,550
USU (North)	\$181,650
U of U (Davis)	\$944,000
U of U (North)	\$352,000
SUU (Davis)	\$496,048
Westminster	\$112,000
Out of State (Davis)	\$486,000
Other Scholarships (Davis)	\$329,100
Out of State (North)	\$252,600
Other Scholarships (North)	\$19,800

NN & ND Total	\$7,244,698

A lot of kids are accepting scholarships out of state. These are not the final amounts.

NUAMES - New Courses: SY23: Kelli

- NUAMES Davis: Computer Science Networking
- NUAMES North: CE Chemistry and Computer Science Networking

We hope to be known in Utah as the premier high school for Computer Science. WSU has the best Computer Science Department to work with. We also work with WSU Engineering Department. It is economic relevant, in high demand and pays well.

New Hires:

NUAMES NORTH:

- Counselor - Staci Huffaker
- English - Therese Holland (replacing L Long)
- Math - Trey Gunderson (replacing J Long)
- Math - Sara Putnam (replacing N Hadley)
- Chem/Math - Ashley Wade
- PE/Health - Tegan Christensen
- Registrar - Tessa Bailey

NUAMES DAVIS:

- CS- Boyd Mattson/ Split
- History - Natalie Davenport (½ time) (replacing Mackay Olson)
- Math - Alicia Holmstead (Replacing Staci Huffaker)


Assessment: Steve

Scores in Reading, English, Science and Math will be released to the schools on June 30th. We gave over \$1,400 10th grade Aspire tests and will report back to the Board as soon as we have results. We anticipate we will do well this year.

Here are the Utah Aspire Plus Proficiency Scale Score Ranges:

Table 2. Utah Aspire Plus Proficiency Scale Score Ranges

Grade	Subject	Below Proficient	Approaching Proficient	Proficient	Highly Proficient
9	English	100 to 164	165 to 201	202 to 241	242 to 300
	Reading	100 to 165	166 to 203	204 to 230	231 to 300
	Mathematics	100 to 171	172 to 205	206 to 232	233 to 300
	Science*	TBD	TBD	TBD	TBD
10	English	100 to 160	161 to 199	200 to 244	245 to 300
	Reading	100 to 174	175 to 203	204 to 234	235 to 300
	Mathematics	100 to 180	181 to 209	210 to 235	236 to 300
	Science*	TBD	TBD	TBD	TBD

The student proficiency level is provided within a “meter” graphic  on the score report that shows an approximate position of the scale score within the base range (100–300).

Note: The size of the shaded regions does not indicate size of score range by proficiency level or proportion of students.

Here is a six-year breakdown of ACT data:

Year	English			Math			Reading			Science			Composite		
	NN	ND	State	NN	ND	State	NN	ND	State	NN	ND	State	NN	ND	State
16-17		24.3	19		24.9	19.6		24.3	20.2		24.4	20.2		24.6	19.9
17-18		24.5	18.8		24.9	19.7		25.3	20		24.3	19.9		24.6	19.7
18-19	22.9	24.4	18.7	22.1	25.3	19.3	23.5	24.3	20.5	22.5	24.4	19.9	22.8	24.7	19.7
19-20	22.1	25.3	19.2	23	26.1	19.8	22.8	25.3	20.8	22.5	25.4	20.4	22.7	25.7	20.2
20-21	22.1	24.9	18.4	22.5	26	19.3	23.4	24.9	20.1	22.9	25.5	19.9	22.8	25.4	19.6
21-22	23.1	24.6		22.9	24.2		23.2	24.8		22.8	23.9		23.1	24.5	
Rate of Change	1	-0.3		.4	-1.8		-0.2	-0.1		-0.1	-1.6		.3	-0.9	

Kelli explained that they had a meeting with Math Department – it was a great meeting to try to figure out what we did right and what we did wrong. How are we moving forward? One factor that may have played into this anxiety was that these Sophomores had their ACT prep course online – that may have played a factor. We plan to bolster the test preparation in the First Year Experience class. We like to dig into the data to look for answers. We aren't afraid of data. We look at numbers and individual students. We need productive struggle in schools and we need productive struggle in the community.

New Building Update: Steve

Steve compared pictures from last year at this time and the progress made in the year. The building is coming along so nicely. We appreciate the support we have from WSU.

Lottery Update: Brenda

These are the numbers we have as of today – May 11, 2022

NUAMES DAVIS

Sophomores: 256

Juniors – 263

Seniors – 218

Davis Total: 737

NUAMES NORTH

Sophomores: 201

Juniors: 154

Seniors – 142

North Total: 497

We will approach legislature regarding the sharing of lists. It is in our charter that other schools will share their student lists with us. Our numbers have come without the cooperation and mailing list from Davis School District.

Capstone Report/Flyby: Brenda

The NUAMES Flyby for Davis and North Campuses was in April. Incoming Sophomores and Jrs. had a chance to come in to the school, meet teachers and ask questions. This was very much appreciated by students and their parents – each was well attended.

We have had the following professional developments.

- April: Capstone Night. It was fun to see siblings return to watch their siblings present their capstone projects. Quality projects. Really organized and well-executed. The projects were a step up.
- April 29: WSU Graduation with NUAMES students receiving an Associate Degree! We need to have a marker. WSU did not acknowledge NUAMES.
- May 5: Community Council brought in lunch for our faculty. It was so appreciated.
- May 11: PROM – NUAMES Davis campus. North Campus had their Prom in April. We have traditional events here.
- May 11: At the National Science Fair in Atlanta

Farmington hosted our counselors in a professional development. It gave us a chance to dig in and find out what is new and how we can improve. Shout out to all plants growing through concrete. They each got a little flower.

Graduation Details:

Graduation will be at the Dee Event's Center on May 20, 2022. North graduation will be at 10:00 am. NUAMES Davis graduation will be held at 1:00 pm. Lunch will be served between graduations to faculty, staff and board members in the Rich Lounge. Graduation is always exciting and we love having it at the Dee Events Center so students can invite as many guests as they would like!

End of year schedule:

May 16th - Cap and Gown

May 19th - Senior awards breakfast May 19th - Graduation practice

May 20th - Graduation 10 am & 1:00 pm, Lunch 11:30 am - 12:30 pm

May 24th - Junior/Soph awards ceremony. Juniors 12:00 pm/ Soph 1:30 pm

May 24th / 25th - Junior Soph check out

May 25th - Yearbook and luau

May 26th - Lagoon

May 26th - Best of State award dinner

May 27th - Last day of school

Questions/Comments:

- Sue Johnson, our Board Chair wanted to thank all the administrative staff. She appreciates teachers in the classroom where teacher and students interact. Thanks to the heavy lifting to make graduation take place. "Environment is the invisible hand that shapes human behavior".
- Linda Carver added that we take this as standard behavior, but in reflection, it's a terrific accomplishment from day one and how NUAMES has grown. She is staggered at what we are accomplishing.
- Kelli mentioned we had a congressman who came to get to know NUAMES. He wants all schools to perform as NUAMES. His visit was to be brief, but he stayed longer because he kept on asking questions, etc.
- We had a Chief of staff said of our student interns, "The best interns they had ever had, were NUAMES students"!

Adjourn Meeting: Sue Johnson

Motion to adjourn: Dave Ferro. Second, Sue Johnson.